



TOWN COUNCIL OF BENONI



Annual Report

of the

**MEDICAL OFFICER OF
HEALTH**

FOR THE YEAR

1ST OF JULY, 1944—30TH OF JUNE, 1945



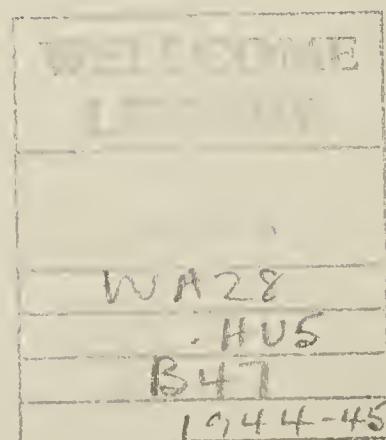
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TOWN COUNCIL OF BENONI

ANNUAL REPORT

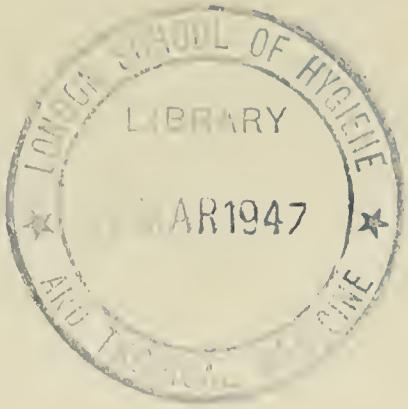
OF THE
LOCAL OFFICER OF HEALTH
FOR THE YEAR

1st JULY, 1944 - 30th JUNE, 1945



To His Worship the Mayor,
and Members of the Town Council of Benoni.

Your Worship, Councillor Mrs McDowell,
and Gentlemen,



I have the honour to present the last war time Annual Report - dealing with the health and sanitary conditions of BENONI during the year ending on 30th of June, 1945. The presentation of this Report has necessarily been delayed in order that exact population figures could be obtained from the Government Census.

During the period 1944-1945 now under consideration the greater proportion of the staff of your Health Department was absent in the service of our Town and our Country in the Armed Forces in Europe, in Egypt, and in the Union. Therefore this is only a brief record of the health of Benoni during the final year of the war, but it records the essential services carried on by a skeleton wartime staff.

The health picture for Benoni during 1944-1945 is unsatisfactory, though the European section of the community had a good health record. But it is clearly apparent that so long as the Native section is housed largely in the slums of the Asiatic area and of the Location, the whole of Benoni stands in continual danger of the most serious epidemics of disease. It is my duty to sound a clear warning in this matter. I must, therefore, commend to your most anxious consideration the advisability of placing the re-housing of the non-European sections of the population, and the nutritional rehabilitation of these Benoni residents, and the promotion of their health, at the head of all future Municipal activities and expenditure - in the urgent interests of the Town.

It is my duty, and my pleasure, to record the unsparring service given to the Town and to this Department by the Acting Medical Officer of Health, Dr. C.B. Shapiro, and by his staff during this difficult year.

This Report, begun in 1945 but delayed owing to the absence of reliable population figures on which to base the essential findings, has been prepared by your Medical Officer in his spare time, after his temporary recall by the Department of Defence to full-time military duties.

I have the honour to be,
Your obedient servant,

C.C.P. ANNING.
MEDICAL OFFICER OF HEALTH

TOWN COUNCIL OF BENONI

PUBLIC

HEALTH

DEPARTMENT

1944 - 1945

LEADING VITAL STATISTICS

FOR THE YEAR ENDING ON THE 30TH JUNE, 1945

| | ALL RACES | EUROPEANS | MINE NATIVES | NON MINE NATS | COLOURED | ASIA-TIC | ALL NON EUR. |
|-----------------------------|-----------|-----------|--------------|---------------|----------|----------|--------------|
| POPULATION | 79,939 | 24,207 | 27,500 | 24,468 | 2,536 | 1,228 | 55,732 |
| BIRTH RATE | 24.75 | 25.78 | - | 22.23 | 31.54 | 40.72 | 23.87 |
| ILLEGITIMACY RATE | 13.1 | 1.12 | - | 25.3 | 30.0 | 2.0 | 24.2 |
| DEATH RATE | 11.96 | 6.85 | 6.04 | 22.97 | 15.77 | 17.91 | 14.17 |
| INFANTILE MORTALITY | 178 | 33.6 | - | 353 | 137 | 160 | 313 |
| MATERNAL MORTALITY | 4.6 | 1.6 | - | 7.3 | 0.0 | 20 | 7.4 |
| DEATH RATES (VARIOUS) | . | . | . | . | . | . | . |
| Lung Diseases Non T.B. | 3.29 | 1.57 | 1.38 | 6.91 | 4.34 | 5.70 | 4.03 |
| Enteritis under 2 | 1.38 | 0.12 | - | 4.09 | 1.58 | 2.44 | 1.92 |
| Violence | 1.31 | 0.37 | 2.36 | 1.06 | 0.39 | 3.25 | 1.72 |
| Tuberculosis | 0.90 | 0.20 | 0.62 | 1.76 | 2.37 | 0.81 | 1.20 |
| Diseases of the Heart | 0.81 | 0.54 | 0.29 | 1.60 | 1.58 | 0.81 | 0.93 |
| Disease peculiar to Infancy | 0.73 | 0.45 | - | 1.84 | 0.39 | 0.81 | 0.84 |
| Cancer | 0.39 | 0.79 | 0.22 | 0.20 | 0.39 | 0.00 | 0.22 |
| Enteric Fever | 0.24 | 0.08 | 0.25 | 0.41 | 0.00 | 0.00 | 0.31 |
| Syphilis | 0.13 | 0.00 | 0.00 | 0.37 | 0.39 | 0.00 | 0.18 |
| INFECTIOUS DISEASES | . | . | . | . | . | . | . |
| INCIDENCE RATES | . | . | . | . | . | . | . |
| Scarlet Fever | 1.80 | 5.87 | 0.00 | 0.00 | 0.79 | 0.00 | 0.04 |
| Measles | 1.73 | 1.00 | 2.62 | 1.38 | 2.76 | 0.81 | 2.04 |
| Whooping Cough | 1.34 | 3.68 | 0.00 | 0.16 | 1.17 | 1.62 | 0.32 |
| All Tuberculosis | 1.34 | 0.33 | 1.28 | 2.41 | 1.57 | 0.81 | 1.78 |
| Enteric Fever | 0.69 | 0.24 | 0.44 | 1.34 | 0.00 | 0.00 | 0.88 |
| C.S. Meningitis | 0.30 | 0.16 | 0.60 | 0.16 | 0.00 | 0.00 | 0.36 |
| Diphtheria | 0.24 | 0.41 | 0.00 | 0.16 | 1.57 | 0.81 | 0.16 |
| Erysipelas | 0.20 | 0.04 | 0.47 | 0.04 | 0.39 | 0.00 | 0.27 |
| Poliomyelitis | 0.15 | 0.45 | 0.00 | 0.00 | 0.39 | 0.00 | 0.02 |

Population figures for Mining Natives are based on a local census in 1945; all other population figures are based on the Government Census (Preliminary Figures) done in May, 1946.

Birth rates for all races are based on the population excluding Mining Natives. All rates, except illegitimacy rates (pertentaged), are given for 1,000 population or per 1,000 live births. All rates are corrected for outward transfer and corrected for inward transfer for Benoni residents dying or being born in the Benoni-Boksburg Hospital.

The general health of the town has suffered a serious set back during the war years. This becomes immediately apparent when the death rates for 1944-1945 are compared with those for 1938-1939. While the health rate of the European section of the population has steadily improved, that of the Non-European (forming three quarters of the population) is much worse. The death rate for all races, i.e. for the whole of Benoni, is 11.96 deaths per 1,000 population in comparison with a rate of 10.54 in 1938-1939. Unhappily this has been due to an increase in fatal illness among the Native section of Benoni due to essentially preventable sickness - such as Enteritis, Lung Disease, Tuberculosis, Enteric Fever, etc. - which are the result of bad environment, of undernourishment and of ignorance.

The European Infantile Mortality rate (33.6) has never been lower, the European death rate (6.85) has only once been lower; but the Non-European rates are worse, and the gradual improvement which was occurring in the health conditions of these people in the three years before the war has disappeared. The health of our Non-European population is on the decline, and unless the most active steps are taken once again to achieve our pre-war standard, the health and safety of the whole population (including the European section) is most seriously endangered.

In this connection reference is made to the introduction (paragraphs 7 and 8) to the Annual Report for 1938-1939.

If Benoni is to survive as an industrial and residential centre over the next ten years, the health of the Non-European section must be made the first interest and responsibility of the Town. So long as the running sore which is known as the Asiatic area is allowed to continue so long as Tuberculosis, Bowel Infections, Syphilis, Pneumonia and the risk of the battalions of death are allowed to prosper among our Non-European population, so long will the solid progress of Benoni be delayed.

POPULATION

Mining Native population decreased from 35,431 in 1936 to 32,278 in 1939 to 27,500 in 1945; the May, 1946 figures indicate that this section of the population has since fallen to 20,754, but this later figure is not used in the present Report for 1944-1945. There is a 42% decrease from 1936 to 1946.

The European figure of 24,207 compared with that of 21,071 at the 1936 Census, a 15% increase. The Non-Mining Native total is 24,468 (18,423 in 1936) - a 33% increase. The Coloured total is 2,536 (1,876 in 1936) - a 35% increase. The Indian total is 1,228 (959 in 1936) - a 28% increase.

It is apparent therefore, that though the Native mining population is receding, the remaining sections of the towns population are slowly increasing.

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BIRTHS

The European birth rate (24.75) is satisfactory, with an increase in the ratio of male (121) to female (100) births. Native births, at last, begin to be registered more completely, as is indicated by this year birth rate of 22.23 - which is still an understatement of the true position, but gives the most reliable figure so far achieved.

The illegitimacy rate among Europeans is low (1.12% of all European births) in spite of the war time atmosphere.

There was a slight increase in the number of European twin births during the year. The proportion of twin births to total births over the period 1938 - 1945 was :- European 9.0%, Native 15.6%, Coloured 10.0%, Asiatic 2.3% All Races 11.1%. It is of interest to note that over this seven year period only three sets of Triplets have been born among Benoni residents - all to Native parents.

Once again, with 85 male to every 100 female births the Asiatic section of the population alone shows a preponderance of female births.

DEATHS.

The European death rate (6.85) is low. The death rate for Non-Mining Natives (22.97) is more than three times that of the European section.

The following death rates indicate the position over the past few years :-

| | DEATHS PER 1,000 POPULATION (ALL RACES) | | |
|---|---|-----------|-----------|
| | 1931-36 | 1938-1939 | 1944-1945 |
| LUNG DISEASES (NOT T.B.) | 4.31 | 3.46 | 3.29 |
| DIARRHOEA AND ENTERIC (UNDER 2 YEARS) | 2.57 | 1.05 | 1.38 |
| VIOLENCE | 1.21 | 1.27 | 1.31 |
| INFANCY AND CONG. | | | |
| MALFORMATIONS | 1.18 | 0.83 | 0.73 |
| OTHER INFECTIOUS DISEASES (EXCLUDING SYPHILIS) | 1.12 | 0.40 | 0.50 |
| DISEASE OF THE HEART | 0.91 | 0.87 | 0.81 |
| TUBERCULOSIS | 0.80 | 0.51 | 0.90 |
| ENTERIC FEVER | 0.79 | 0.16 | 0.24 |
| CANCER | 0.28 | 0.26 | 0.39 |
| SYPHILIS | 0.17 | 0.31 | 0.13 |

INFANTILE MORTALITY

The European rate (33.6) has never been lower. It provides a value index of the economic, sanitary, and individual condition of the European section. What has been achieved in the reduction of the European infant death rate could be done among the Native section where, in this year, one out of every three infants born died in the first year of its life, and 70% of these deaths were due to bowel infections (born by dirt out of ignorance), to lung diseases (born by under nourishment out of bad environment), and to Syphilis. The urgent need of a Native Creche, to which mothers in

employment could bring their infants during working hours, is definite.

ACUTE BOWEL INFECTIONS

14.3% of all deaths were due to acute bowel infections - contracted as the result of contamination of food and drink with these germs where careless food handling and dirty and insanitary surroundings were rife - as compared with 13% in 1938 - 1939.

110 Deaths among children under the age of 2 years were due to acute Enteritis (the result of contamination of food and milk by germs in dirt); of these 100 were Natives.

55 Cases of Enteric Fever were reported, of whom 19 died. Benoni is by no means rid of this preventable infectious disease and is not likely to get rid of it until the insanitary area in the Asiatic Area and Location are eradicated.

INFECTIOUS DISEASE

The total of accepted notifications fell to 752, as compared with 1,173 last year, due to the decrease in Measles. Admissions of Benoni cases to the Infectious Diseases Block totalled 60. 77 Cases of other infectious Disease were admitted to the general wards of the Boksburg-Benoni Hospital. 153 Infectious Disease cases were admitted to Mine Hospitals, 9 to Nursing Homes and other Hospitals, 1 to the Leper Institution, and six Smallpox cases to Rietfontein Isolation Hospital.

One fatal case of ANTHRAX occurred in a Native entered two days previously from BOCHEM, N. TRANSVAAL.

One Native Female case of LEPROSY was found in the Location.

Six cases of SMALLPOX were removed. In one instance the source of infection was not traced; one bad case from WASCHBANK and one from ENGOBO seeking work within two days of becoming sick, and three cases were residents of PETIT and only came into the Municipal Area for medical aid.

SCARLET FEVER

Decreased - 144 cases, with one fatality.

MEASLES was less frequent - 138 cases (2 deaths) as compared with 738 cases (2 deaths) in 1943-1944

DIPHTHERIA - 19 Cases (2 deaths) was slightly less frequent. 215 European and 197 Non-European children completed their immunisation against Diphtheria during the year.

Twelve cases (no deaths) of POLIOMYELITIS were the most unusual feature of the year, and created some alarm. No case occurred during the last five months of the health year.

MATERNAL AND CHILD WELFARE

Attendances at the Municipal Ante-Natal and Infant Clinics continued to increase; they were more than twice the number attending the same clinics during 1938-1939, and the services offered by the Department attracted citizens from every social and economic stratum in Benoni. Two thirds of all babies born during the year were brought to the Infant Clinics.

The places of confinement of the 1298 live births among Benoni residents during the year was:-

| | EUROPEAN | NATIVE | COLOURED | ASIATIC | TOTAL. |
|--------------------------|------------|------------|-----------|-----------|--------------|
| PRIVATE HOMES | 394 | 298 | 52 | 50 | 794 |
| NURSING HOMES | 92 | 0 | 0 | 0 | 92 |
| BOKSBURG-BENONI HOSPITAL | 124 | 239 | 23 | 0 | 386 |
| MINE HOSPITAL | 0 | 2 | 5 | 0 | 7 |
| OTHER TOWNS | 14 | 5 | 0 | 0 | 19 |
| TOTAL | 624 | 544 | 80 | 50 | 1,298 |

Of the women confined in private homes, midwives of the Boksburg-Benoni Hospital District Midwifery Service confined 14 Europeans, 223 Natives, 28 Coloured, and 2 Asiatics - a total of 267

23 Registered Midwives (including those at Nursing Homes but except the Hospital District Midwives) practised in Benoni and attended 415 cases. 2 Unregistered Midwives attended 45 cases.

Beds for midwifery cases in Benoni at Nursing Homes were 16 for Europeans: At Boksburg-Benoni Hospital 16 for Europeans, 34 for Non-Europeans. This total is inadequate. There is an outstanding need for a Provincial Maternity Hospital in Benoni.

OTHER MATTERS.

ABATTOIR

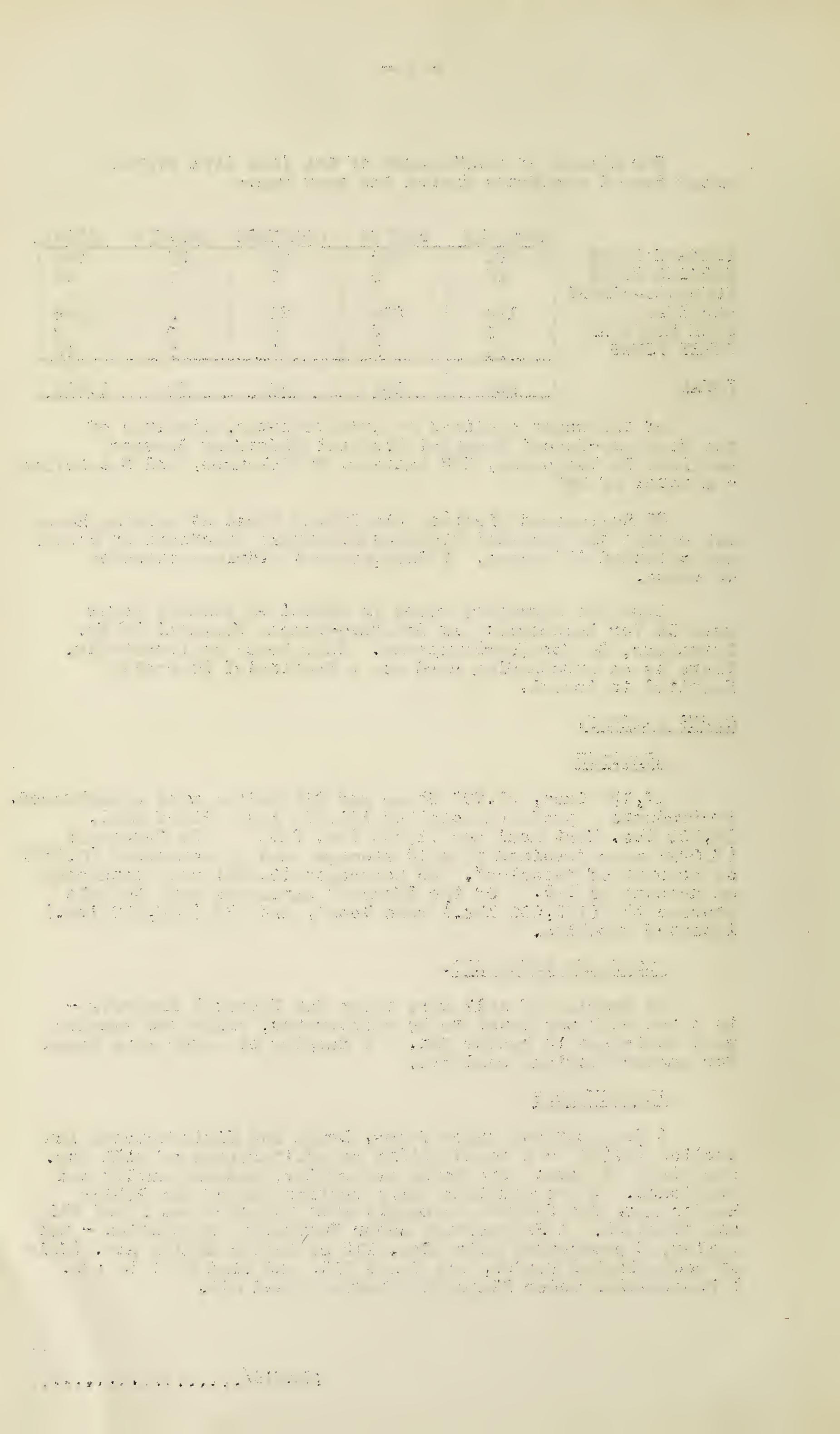
17,130 Oxen, 27,791 Sheep and 911 Calves were slaughtered. By-Products produced totalled 141,600 lbs. Blood Meal, 85,300 lbs. Meat Meal, and 11,605 lbs. Fat. 338 Carcasses (2.03%) were detained in cold storage, and 27 condemned (0.16%) on account of "Measles". 26 Carcasses (0.16%) were condemned on account of T.B. Of the "Measly" carcasses sent to cold storage 338 (169,000 lbs.) were local, and 513 (256,500 lbs.) imported supplies.

FOODS AND DRUGS ACT.

32 Samples of milk were taken for Chemical Analysis - in 3 the milk was found to be adulterated, while two samples were deficient in butter fat. 6 Samples of water were taken for bacteriological analysis.

PROSECUTIONS

6 Prosecutions under Foods, Drugs and Disinfectants Act Section (7)(1) - 4 found guilty of adulteration of milk etc. and fined £5 each: One found not guilty, and one guilty and cautioned. 3 Prosecutions under section 124 of the Public Health Act, for failure to comply with notice - two fined £10 one fined £5. 1 Prosecution under Fumigation Regulation - not guilty, 2 prosecuted under Sec. 113 of Public Health Act. (Sale of contaminated foods), one fined £15, and fine £7 : 10 : 0. 1 Prosecution under Plague Regulation fined £15.



PLAQUE CONTROL.

1,4607 Holes treated. Rodents killed:- 4924 Domestic Rats (*Ratus Ratus*), 5487 mice (*Mus Musculus*), and 1078 Gerbillies (*Taterona Lobengula*).

RACE WELFARE CLINIC.

The weekly birth control clinics held at Health Department Buildings (for Europeans) and at Location clinic (for Coloureds) had attendances of 94 new and 133 revisits Europeans, and of 16 new and 22 revisits Coloured, cases.

PASS OFFICE.

Routine pass examination of natives continued to be done by the Department. During the year 16501 males were examined of whom 178 were vaccinated, 125 sent to Rietfontein Hospital suffering with V.D. and 247 referred to the V.D. clinic. 48 Native females were examined of whom 18 were vaccinated and 40 sent to Rietfontein Hospital suffering with V.D.

BOKSBURG-BENONI HOSPITAL OUT-PATIENTS DEPARTMENT.

The Department continued to provide accommodation at the Department Building for European, and at the Location Clinic for non-Europeans. There was an average monthly attendance of 174 Europeans and 735 non-Europeans.

No report is made on Housing conditions. With the post war return of staff it should be possible once again to renew the Departments pre-war efforts to deal with Slum properties.

POPULATION

| | MALE | FEMALE | TOTAL. |
|--|----------------|------------|----------------|
| ALL RACES | 55358 | 24581 | 79939 |
| EUROPEAN | 12348 | 11859 | 24207 |
| MINING NATIVES. NON-MINING NATIVES. | 27500 13673 | - 10795 | 27500 24468 |
| COLOURED | 1214 | 1322 | 2536 |
| ASIATIC. | 623 | 605 | 1228 |
| ALL NON-EUROPEAN | 43010 | 12722 | 55732 |

Population of Mining Native obtained by Local Mine census 1945.

Remaining Population figures - Govt. sensus (preliminary returns) May, 1946.

BIRTHS.(a) TOTAL BIRTHS IN MONTHS.

| | EUROPEAN | | | NON-MINING NATIVES | | | COLOURED | | | ASIATIC | | | TOTAL | | |
|-----------|----------|-----|-----|--------------------|-----|-----|----------|----|----|---------|----|----|--------|------|-----|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| JULY | 32 | 28 | 60 | 32 | 18 | 50 | 3 | 1 | 4 | 4 | 3 | 7 | 71 | 50 | 121 |
| AUGUST | 37 | 26 | 63 | 40 | 37 | 77 | 2 | 2 | 4 | 3 | 4 | 7 | 82 | 69 | 151 |
| SEPTEMBER | 30 | 22 | 52 | 32 | 20 | 52 | 7 | 3 | 10 | 0 | 2 | 2 | 69 | 47 | 116 |
| OCTOBER | 34 | 31 | 65 | 16 | 13 | 29 | 7 | 4 | 11 | 3 | 3 | 6 | 60 | 51 | 111 |
| NOVEMBER | 20 | 28 | 48 | 24 | 23 | 47 | 3 | 4 | 7 | 1 | 2 | 3 | 48 | 57 | 105 |
| DECEMBER | 26 | 20 | 46 | 4 | 8 | 12 | 2 | 1 | 3 | 0 | 1 | 1 | 32 | 30 | 62 |
| JANUARY | 28 | 27 | 55 | 43 | 39 | 82 | 2 | 2 | 7 | 3 | 3 | 6 | 76 | 76 | 152 |
| FEBRUARY | 24 | 28 | 52 | 19 | 17 | 36 | 2 | 1 | 3 | 2 | 1 | 3 | 47 | 47 | 94 |
| MARCH | 33 | 21 | 54 | 21 | 26 | 47 | 4 | 1 | 5 | 1 | 3 | 4 | 59 | 51 | 110 |
| APRIL | 24 | 19 | 43 | 24 | 14 | 38 | 5 | 3 | 8 | 1 | 3 | 4 | 54 | 37 | 91 |
| MAY | 24 | 16 | 40 | 17 | 12 | 29 | 3 | 4 | 7 | 1 | 3 | 4 | 45 | 35 | 80 |
| JUNE | 29 | 17 | 46 | 22 | 23 | 45 | 8 | 1 | 9 | 4 | 1 | 5 | 63 | 42 | 105 |
| TOTAL | 341 | 283 | 624 | 294 | 250 | 544 | 48 | 32 | 80 | 23 | 27 | 50 | 706592 | 1298 | |

(b) TOTAL ILLEGITIMATE BIRTHS.

| | EUROPEAN | NATIVE | COLOURED | ASIATIC | TOTAL. |
|---------|----------|--------|----------|---------|--------|
| MALE | 5 | 71 | 12 | 1 | 89 |
| FE MALE | 2 | 67 | 12 | 0 | 81 |
| TOTAL | 7 | 138 | 24 | 1 | 170 |

(c) BIRTH RATES, ETC.

| | BIRTH RATES | | ILLEGITIMACY RATES TO TOTAL BIRTHS | MASCULINARY RATES | |
|--------------------|---------------------------|--|--|----------------------|-------|
| | BIRTHS PER 1000 POPUL. | BIRTHS PER 1000 WOMAN 15 TO 44 YRS | | MALES : FEMALES. | |
| | | | | | |
| ALL RACES (X) | 24.75 | 134.1 | 13.1 | 119 | : 100 |
| EUROPEAN | 25.78 | 119.1 | 1.12 | 121 | : 100 |
| NON-MINING NATIVES | 22.23 | 137.6 | 25.3 | 118 | : 100 |
| COLOURED | 31.54 | 194.2 | 30.0 | 150 | : 100 |
| ASIATIC. | 40.72 | 284.1 | 2.0 | 85 | : 100 |
| ALL NON-EUROPEAN | 23.87 | 151.8 | 24.2 | 118 | : 100 |

(X) Excluding Mining Natives.

DEATHS.(a) TOTAL IN MONTHS.

| | EUROPEANS | | | MIN. N. | | | NON MIN. N. | | | COL. | | | AS. | | | TOTAL | | |
|-----------|-----------|----|-----|---------|-----|-----|-------------|----|----|------|----|----|--------|----|-----|-------|----|----|
| | M. | F. | T. | M. | M. | T. | M. | M. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| JULY | 22 | 6 | 28 | 12 | 27 | 20 | 47 | 1 | 1 | 2 | 1 | 0 | 1 | 63 | 27 | 90 | | |
| AUGUST | 12 | 5 | 17 | 10 | 15 | 19 | 34 | 3 | 1 | 4 | 2 | 2 | 4 | 42 | 27 | 69 | | |
| SEPTEMBER | 12 | 9 | 21 | 10 | 22 | 21 | 43 | 3 | 0 | 3 | 1 | 0 | 1 | 48 | 30 | 78 | | |
| OCTOBER | 5 | 3 | 8 | 18 | 19 | 14 | 33 | 4 | 1 | 5 | 1 | 0 | 1 | 47 | 18 | 65 | | |
| NOVEMBER | 3 | 4 | 7 | 16 | 29 | 25 | 54 | 2 | 2 | 4 | 3 | 1 | 4 | 53 | 32 | 85 | | |
| DECEMBER | 6 | 4 | 10 | 21 | 42 | 25 | 67 | 2 | 0 | 2 | 2 | 0 | 2 | 73 | 29 | 102 | | |
| JANUARY | 6 | 2 | 8 | 7 | 36 | 30 | 66 | 4 | 4 | 8 | 1 | 0 | 1 | 54 | 36 | 90 | | |
| FEBRUARY | 6 | 4 | 10 | 18 | 23 | 13 | 36 | 0 | 1 | 1 | 0 | 0 | 1 | 47 | 18 | 65 | | |
| MARCH | 11 | 4 | 15 | 16 | 36 | 25 | 61 | 1 | 1 | 2 | 0 | 1 | 1 | 64 | 31 | 95 | | |
| APRIL | 6 | 4 | 10 | 13 | 19 | 13 | 32 | 1 | 2 | 3 | 2 | 0 | 2 | 41 | 19 | 60 | | |
| MAY | 8 | 5 | 13 | 5 | 25 | 21 | 46 | 3 | 0 | 3 | 0 | 0 | 0 | 41 | 26 | 67 | | |
| JUNE | 12 | 7 | 19 | 20 | 27 | 16 | 43 | 2 | 1 | 3 | 3 | 2 | 5 | 64 | 26 | 90 | | |
| TOTAL | 109 | 57 | 166 | 166 | 320 | 242 | 562 | 26 | 14 | 40 | 16 | 6 | 226373 | 19 | 956 | | | |

(b) DEATH RATES.

(Deaths per 1000 Population).

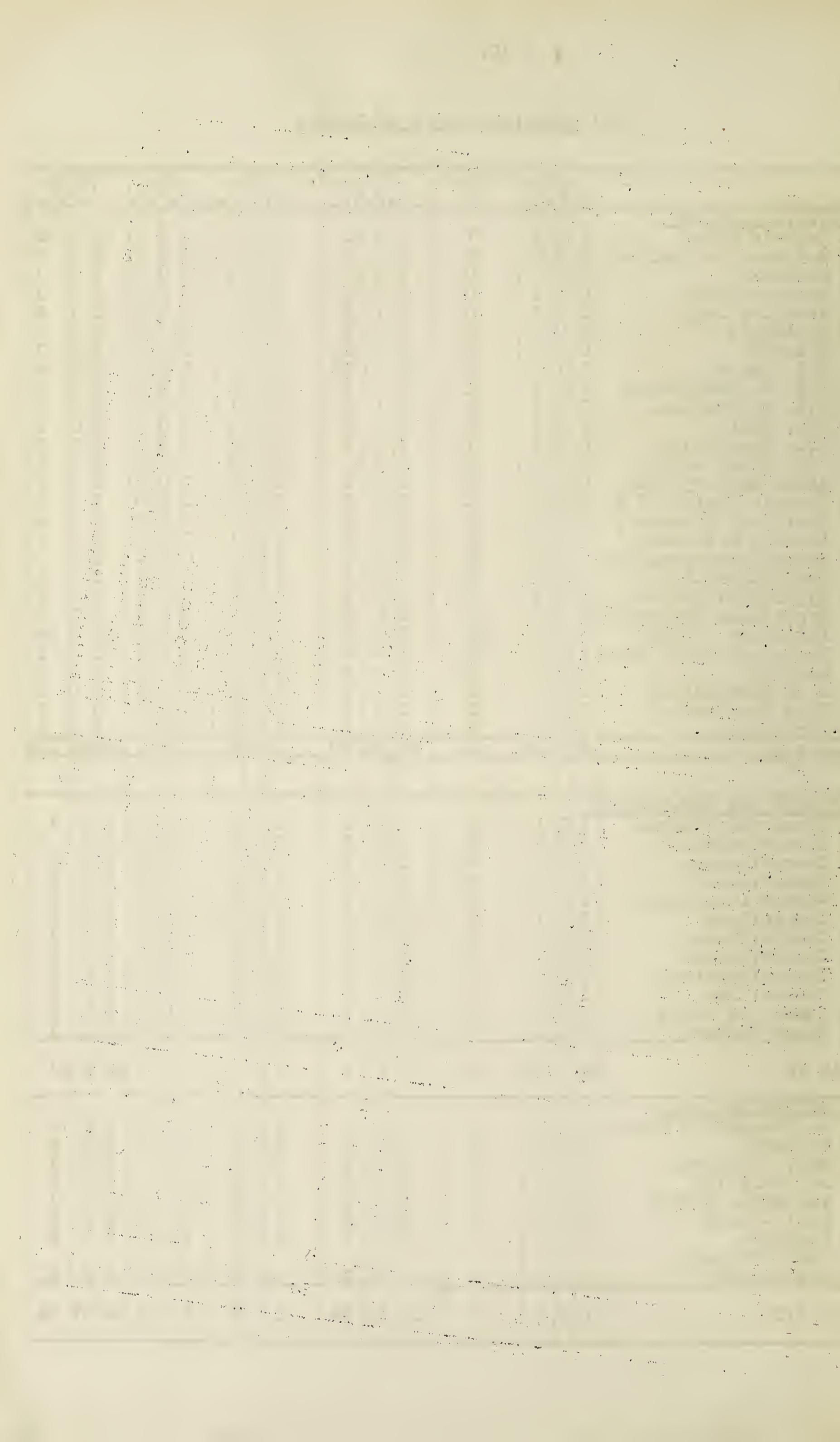
| | MALES | FEMALES | TOTAL. |
|--------------------|-------|---------|--------|
| ALL RACES | 11.51 | 12.98 | 11.96 |
| EUROPEANS | 8.83 | 4.81 | 6.85 |
| MINING NATIVES. | 6.04 | - | 6.04 |
| NON-MINING NATIVES | 23.40 | 22.42 | 22.97 |
| COLOURED | 21.41 | 10.59 | 15.77 |
| ASIATIC. | 25.68 | 9.92 | 17.91 |
| ALL NON-EUROPEANS. | 12.27 | 20.59 | 14.17 |

(c) TOTAL IN AGE GROUPS.

| | EUROPEANS | | | MIN. N. | | | NON M.N. | | | COL. | | | AS. | | | TOTAL | | |
|-------|-----------|----|-----|---------|-----|-----|----------|----|----|------|----|----|-----|-----|-----|-------|----|----|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| 0 | 16 | 5 | 21 | 0 | 110 | 82 | 192 | 6 | 5 | 11 | 5 | 3 | 8 | 137 | 95 | 232 | | |
| 1 | 0 | 0 | 0 | 0 | 25 | 35 | 60 | 1 | 0 | 1 | 0 | 1 | 1 | 26 | 36 | 62 | | |
| 2 | 0 | 1 | 1 | 0 | 8 | 11 | 19 | 1 | 0 | 1 | 0 | 0 | 0 | 9 | 12 | 21 | | |
| 3 | 1 | 0 | 1 | 0 | 2 | 7 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 7 | 10 | | |
| 4 | 0 | 1 | 1 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 3 | 4 | | |
| 5-9 | 0 | 1 | 1 | 0 | 8 | 6 | 14 | 1 | 0 | 1 | 1 | 0 | 0 | 10 | 7 | 17 | | |
| 10-14 | 0 | 1 | 1 | 0 | 8 | 5 | 13 | 1 | 0 | 1 | 0 | 0 | 0 | 9 | 6 | 15 | | |
| 15-19 | 0 | 2 | 2 | 2 | 9 | 7 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 9 | 20 | | |
| 20-24 | 3 | 2 | 5 | 23 | 11 | 12 | 23 | 0 | 1 | 1 | 1 | 1 | 1 | 38 | 16 | 54 | | |
| 25-29 | 2 | 0 | 2 | 39 | 17 | 9 | 26 | 0 | 1 | 1 | 1 | 0 | 0 | 58 | 10 | 68 | | |
| 30-34 | 1 | 0 | 1 | 29 | 21 | 7 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 51 | 7 | 58 | | |
| 35-39 | 3 | 1 | 4 | 33 | 13 | 9 | 22 | 1 | 0 | 1 | 1 | 0 | 0 | 51 | 10 | 61 | | |
| 40-44 | 4 | 1 | 5 | 16 | 14 | 7 | 21 | 1 | 1 | 2 | 3 | 1 | 1 | 35 | 11 | 46 | | |
| 45-49 | 7 | 1 | 8 | 12 | 16 | 7 | 23 | 1 | 0 | 1 | 3 | 0 | 0 | 39 | 8 | 47 | | |
| 50-54 | 5 | 6 | 11 | 4 | 13 | 8 | 21 | 3 | 0 | 3 | 1 | 0 | 1 | 26 | 14 | 40 | | |
| 55-59 | 10 | 6 | 16 | 6 | 13 | 7 | 20 | 1 | 1 | 2 | 0 | 0 | 0 | 30 | 14 | 44 | | |
| 60-64 | 10 | 7 | 17 | 1 | 5 | 5 | 10 | 1 | 1 | 2 | 2 | 0 | 0 | 17 | 13 | 30 | | |
| 65-69 | 24 | 7 | 31 | 1 | 9 | 3 | 12 | 2 | 1 | 3 | 0 | 0 | 0 | 36 | 11 | 47 | | |
| 70-74 | 8 | 4 | 12 | 0 | 9 | 2 | 11 | 2 | 1 | 3 | 2 | 0 | 0 | 21 | 7 | 28 | | |
| 75-79 | 6 | 3 | 9 | 0 | 3 | 6 | 9 | 2 | 0 | 2 | 1 | 0 | 1 | 12 | 9 | 21 | | |
| 80-up | 9 | 8 | 17 | 0 | 6 | 5 | 11 | 2 | 1 | 3 | 0 | 0 | 0 | 17 | 14 | 31 | | |
| TOTAL | 109 | 57 | 166 | 166 | 320 | 242 | 562 | 26 | 14 | 40 | 16 | 6 | 22 | 639 | 319 | 956 | | |

(d) DETAILED CAUSES OF DEATH.

| | EUR. M.F.T. | MIN.N. M. | NON M.N. M.F.T. | COL. M.F.T. | AS. M.F.T. | TOTAL M.F.T. |
|-----------------------------------|----------------|--------------|--------------------|----------------|---------------|-------------------|
| <u>INFECTIVE DISEASES</u> | | | | | | |
| 061 Enteric Fever | 1 1 2 | 7 | 3 7 10 | 0 0 0 | 0 0 0 | 11 8 19 |
| 008 Q.Spinal Meningitis | 0 0 0 | 4 | 2 1 3 | 0 0 0 | 0 0 0 | 6 1 7 |
| 009 Anthrax | 0 0 0 | 0 | 1 0 1 | 0 0 0 | 0 0 0 | 1 0 1 |
| 010 Scarlet Fever | 0 1 1 | 0 | 0 0 0 | 0 0 0 | 0 0 0 | 1 0 1 |
| 011 Whooping Cough | 0 0 0 | 0 | 1 1 2 | 0 0 0 | 0 0 0 | 1 1 2 |
| 012 Diphtheria | 0 0 0 | 0 | 0 2 2 | 0 0 0 | 0 0 0 | 0 0 2 |
| 014 Tetanus | 0 0 0 | 0 | 1 0 1 | 0 0 0 | 0 0 0 | 1 1 1 |
| 015 T.B. Lungs | 1 1 2 | 5 | 25 13 38 | 1 1 2 | 1 0 1 | 33 15 48 |
| 016 T.B. Nervous System | 0 0 0 | 1 | 0 1 1 | 0 0 0 | 0 0 0 | 1 1 2 |
| 017 T.B. Intestines. | 0 1 1 | 2 | 1 1 2 | 0 1 1 | 0 0 0 | 3 3 6 |
| 020 T.B. Skin | 1 0 1 | 0 | 0 0 0 | 0 0 0 | 0 0 0 | 1 0 0 |
| 021 T.B. Lymphatics | 0 0 0 | 1 | 1 0 1 | 0 0 0 | 0 0 0 | 1 2 2 |
| 023 T.B. Other Organs | 0 0 0 | 1 | 0 0 0 | 0 0 0 | 0 0 0 | 1 0 1 |
| 024 Acute Miliary T.B. | 0 0 0 | 5 | 1 0 0 | 0 1 1 | 0 0 0 | 7 1 7 |
| 025 Chronic Miliary T.B. | 0 0 0 | 1 | 0 0 0 | 0 0 0 | 0 0 0 | 1 0 1 |
| 032 Bacillary Dysentery | 0 0 0 | 0 | 3 1 4 | 0 0 0 | 0 0 0 | 3 1 4 |
| 033 Amoebic Dysentery | 0 0 0 | 1 | 2 0 2 | 1 0 1 | 0 0 0 | 4 0 4 |
| 040 Syphilis: Locom. Atax. | 0 0 0 | 0 | 0 0 0 | 1 0 1 | 0 0 0 | 1 0 1 |
| 041 Syphilis: G.P.I. | 0 0 0 | 0 | 1 0 1 | 0 0 0 | 0 0 0 | 1 0 1 |
| 042 Syphilis: Anemysm. | 0 0 0 | 0 | 0 0 0 | 0 0 0 | 0 0 0 | 1 0 1 |
| 043 Syphilis: Congenital | 0 0 0 | 0 | 5 2 7 | 0 0 0 | 0 0 0 | 5 2 7 |
| 048 Influenza - Lungs | 2 2 4 | 13 | 7 2 9 | 0 0 0 | 0 0 0 | 22 4 26 |
| 049 Influenza - Non Resp | 1 0 1 | 0 | 0 0 0 | 0 0 0 | 0 0 0 | 1 0 1 |
| 052 Measles | 0 0 0 | 0 | 1 1 2 | 0 0 0 | 0 0 0 | 1 1 2 |
| 053 Ac. Poliomyelitis | 0 0 0 | 0 | 1 0 1 | 0 0 0 | 0 0 0 | 1 0 1 |
| 064 Tick Bite Fever. | 0 1 1 | 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 1 |
| 068 Tapeworm. | 0 0 0 | 0 | 1 0 1 | 0 0 0 | 0 0 0 | 1 0 1 |
| TOTAL : I | 6 7 13 | 41 | 58 32 90 | 3 3 6 | 1 0 1 | 109 42 151 |
| <u>II CANCER AND OTH. TUMOURS</u> | | | | | | |
| 101 Cancer: Oesophagus | 1 0 1 | 0 | 0 0 0 | 0 0 0 | 0 0 0 | 1 0 1 |
| 102 Cancer: Stomach | 3 2 5 | 0 | 1 1 2 | 0 0 0 | 0 0 0 | 4 3 7 |
| 103 Cancer: Rectum | 0 0 0 | 0 | 1 0 1 | 0 0 0 | 0 0 0 | 1 0 1 |
| 104 Cancer: Liver | 3 0 3 | 5 | 0 0 0 | 1 0 1 | 0 0 0 | 9 0 9 |
| 106 Cancer: Intestines | 1 0 1 | 0 | 0 1 1 | 0 0 0 | 0 0 0 | 1 1 2 |
| 109 Cancer: Lung | 1 0 1 | 0 | 0 0 0 | 0 0 0 | 0 0 0 | 1 0 1 |
| 110 Cancer: Uterus | 0 1 1 | 0 | 0 0 0 | 0 0 0 | 0 0 0 | 1 0 1 |
| 112 Cancer: Breast | 0 3 3 | 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 3 3 |
| 113 Cancer: Prostate | 2 0 2 | 0 | 0 0 0 | 0 0 0 | 0 0 0 | 2 0 2 |
| 116 Cancer: Lip | 1 0 1 | 0 | 0 0 0 | 0 0 0 | 0 0 0 | 1 0 1 |
| 135 Tumour of Brain | 0 0 0 | 1 | 1 0 1 | 0 0 0 | 0 0 0 | 2 0 2 |
| 136 Other Tumours | 0 1 1 | 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 1 1 |
| TOTAL II | 12 7 19 | 6 | 3 2 5 | 1 0 1 | 0 0 0 | 22 9 31 |
| <u>III RHEUMATISM etc.</u> | | | | | | |
| 149 Ac. Rheumatic Fever | 0 1 1 | 0 | 0 1 1 | 1 0 1 | 0 0 0 | 1 2 3 |
| 152 Diabetes | 2 2 4 | 0 | 0 1 1 | 0 0 0 | 0 0 0 | 2 3 5 |
| 159 Dis. of Thymus | 0 0 0 | 0 | 1 0 1 | 0 0 0 | 0 0 0 | 1 0 1 |
| 163 Malnutrition | 0 0 0 | 0 | 1 4 5 | 0 0 0 | 0 0 0 | 1 4 5 |
| 165 Infantile Scurvy | 0 0 0 | 0 | 0 0 0 | 0 1 1 | 0 0 0 | 0 0 1 |
| 167 Beri - Beri | 0 0 0 | 0 | 2 4 6 | 0 0 0 | 0 0 0 | 2 4 6 |
| 168 Pellagra | 0 0 0 | 0 | 6 1 7 | 0 0 0 | 1 0 1 | 7 1 8 |
| 170 Other Vitamin Deficiency | 0 0 0 | 0 | 0 2 2 | 0 0 0 | 0 0 0 | 0 2 2 |
| TOTAL III | 2 3 5 | 0 | 10 13 23 | 1 1 2 | 1 0 1 | 14 17 31 |



| | EUR. M.F.T. | MIN.N. M. | NON M.N. M. F. T. | COL. M.F.T. | AS. M.F.T. | TOTAL. M. F. T. |
|---------------------------------|----------------|--------------|----------------------|----------------|---------------|--------------------|
| DISEASES OF BLOOD. | | | | | | |
| 203 Pernicious Anaemia | 0 0 0 | 0 | 0 1 1 | 0 0 0 | 0 0 0 | 0 1 1 |
| 205 Hypochronic Anaemia | 0 0 0 | 0 | 1 0 1 | 0 0 0 | 0 0 0 | 1 0 1 |
| 207 Leukoemic Leukoemia | 0 0 0 | 1 | 1 0 1 | 0 0 0 | 0 0 0 | 2 0 2 |
| TOTAL IV | 0 0 0 | 1 | 2 1 3 | 0 0 0 | 0 0 0 | 3 1 4 |
| CHRONIC POISONINGS. | | | | | | |
| 251 Chronic Alcoholism | 2 1 3 | 0 | 0 0 0 | 0 0 0 | 0 0 0 | 2 1 3 |
| TOTAL V. | 2 1 3 | 0 | 0 0 0 | 0 0 0 | 0 0 0 | 2 1 3 |
| DIS. OF NERVOUS SYSTEM | | | | | | |
| 301 Intra Cranical Abscess | 1 0 1 | 0 | 0 0 0 | 0 0 0 | 0 0 0 | 1 0 1 |
| 302 Pneumococcal Meningitis | 0 0 0 | 2 | 1 0 1 | 0 0 0 | 0 0 0 | 1 0 3 |
| 303 Other Meningitis | 0 1 1 | 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 1 1 |
| 305 Cerebral Haemorrhage | 2 4 6 | 2 | 3 3 6 | 1 0 1 | 0 0 0 | 8 7 15 |
| 306 Cerebral Embolism | 2 1 3 | 0 | 1 1 2 | 0 0 0 | 0 0 0 | 3 0 3 |
| 308 Mental Disorder | 0 0 0 | 0 | 0 1 1 | 0 0 0 | 0 0 0 | 1 0 1 |
| 309 Epilepsy | 0 0 0 | 0 | 1 0 1 | 0 0 0 | 0 0 0 | 1 0 2 |
| 317 Mastoiditis | 0 0 0 | 0 | 0 2 2 | 0 0 0 | 0 0 0 | 0 2 2 |
| TOTAL VI | 5 6 11 | 4 | 6 7 13 | 1 0 1 | 0 0 0 | 16 13 29 |
| DIS. OF CIRCULATORY SYSTEM | | | | | | |
| 351 Pericarditis | 0 0 0 | 1 | 0 0 0 | 0 0 0 | 0 0 0 | 1 0 1 |
| 352 Ac. Endocarditis | 0 0 0 | 1 | 2 2 3 | 0 0 0 | 0 0 0 | 3 3 3 |
| 353 Chr. Valve Dis (Rheum) | 0 0 0 | 1 | 2 1 3 | 0 0 0 | 0 0 0 | 4 4 6 |
| 354 Other Chr. Valv. Dis. | 2 0 2 | 0 | 0 3 3 | 0 0 0 | 0 0 0 | 4 6 6 |
| 355 Ac. Myocarditis | 0 0 0 | 1 | 1 4 5 | 0 0 0 | 0 0 0 | 1 1 1 |
| 356 Chr. Myocarditis (Rheum) | 0 0 0 | 0 | 0 1 1 | 0 0 0 | 0 0 0 | 27 17 44 |
| 357 Other Chr. Myocarditis | 7 4 11 | 4 | 13 12 25 | 2 1 3 | 1 0 1 | 13 9 22 |
| 358 Coronary Disease | 8 3 11 | 1 | 3 4 7 | 1 1 2 | 0 0 0 | 2 2 2 |
| 360 Other Heart Dis. | 1 0 1 | 0 | 1 0 1 | 0 0 0 | 0 0 0 | 1 0 1 |
| 361 Aneurysm. | 0 0 0 | 0 | 0 1 1 | 0 0 0 | 0 0 0 | 3 0 3 |
| 362 Arteria. Sclerosis | 2 1 3 | 0 | 1 2 3 | 0 0 0 | 0 0 0 | 0 1 1 |
| 365 Dis. of Veins. | 0 1 1 | 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 1 1 |
| 367 High Blood Pressure. | 3 0 3 | 0 | 5 1 6 | 1 1 1 | 0 0 1 | 9 2 11 |
| TOTAL VII | 23 9 32 | 9 | 28 29 57 | 3 4 7 | 2 1 3 | 65 43 108 |
| DIS. OF RESPIRATORY SYSTEM | | | | | | |
| 402 Ac. Bronchitis. | 2 0 2 | 0 | 1 1 2 | 0 0 0 | 0 0 0 | 3 1 4 |
| 403 Chr. Bronchitis. | 1 0 1 | 0 | 1 0 1 | 0 0 0 | 0 0 0 | 2 2 2 |
| 404 Broncho Pneumonia | 5 3 8 | 6 | 36 40 76 | 5 2 7 | 5 2 7 | 57 47 104 |
| 405 Lobar Pneumonia | 4 2 6 | 15 | 42 31 73 | 2 2 4 | 0 0 0 | 63 35 98 |
| 406 Other Pneumonia | 0 1 1 | 1 | 2 0 4 | 0 0 0 | 0 0 0 | 3 3 6 |
| 407 Empyema. | 0 0 0 | 0 | 0 0 0 | 0 0 0 | 0 0 0 | 1 1 1 |
| 408 Other Pleurisy | 0 0 0 | 1 | 0 0 0 | 0 0 0 | 0 0 0 | 0 1 1 |
| 409 Pulm. Congestion | 0 1 1 | 0 | 0 0 0 | 0 0 0 | 0 0 0 | 3 2 5 |
| 411 Asthma | 1 2 3 | 0 | 2 0 2 | 0 0 0 | 0 0 0 | 1 2 0 |
| 413 Miners Phthisis (No T.B.) | 1 0 10 | 1 | 2 1 1 | 0 0 0 | 0 0 0 | 12 12 12 |
| 414 Miners Phthisis (with T.B.) | 1 0 1 | 1 | 0 0 0 | 2 0 2 | 0 0 0 | 4 0 4 |
| 417 Lung Abscess. | 1 0 1 | 0 | 1 0 1 | 0 0 0 | 0 0 0 | 2 0 2 |
| 418 Other Lung Dis. | 1 0 1 | 0 | 0 0 0 | 0 0 0 | 0 0 0 | 1 0 1 |
| TOTAL VIII | 26 9 35 | 26 | 86 74 160 | 9 4 13 | 5 2 7 | 152 89 241 |

| | EUR. M.F.T. | MIN.N. M. | NAT. M.F.T. | COL. M.F.T. | AS. M.F.T. | TOTAL M.F.T. |
|--|----------------|--------------|------------------|----------------|---------------|------------------|
| <u>DIS. OF DIGESTIVE SYSTEM</u> | | | | | | |
| 450 Dis. of Gums | 0 0 0 | C | 1 0 1 | 0 0 0 | 0 0 0 | 1 0 1 |
| 451 Septic Sore Throat | 1 0 1 | 1 | 0 0 0 | 0 0 0 | 0 0 0 | 2 0 2 |
| 453 Enteritis (under 2) | 2 1 3 | 0 | 5941 1003 | 1 4 | 1 2 3 | 65 45 110 |
| 459 Enteritis (2 and over) | 0 2 1 | 0 | 8 2 10 | 0 0 0 | 0 0 0 | 3 3 11 |
| 461 Appendicitis. | 1 3 2 | 2 | 0 0 0 | 1 0 1 | 0 0 0 | 4 1 5 |
| 462 Hernia. | 0 0 0 | 1 | 0 0 0 | 0 0 0 | 0 0 0 | 1 0 1 |
| 463 Intest. Obstruction | 1 0 1 | 3 | 1 0 1 | 0 0 0 | 0 0 0 | 0 0 5 |
| 466 Cirrhosis Liver (ALC) | 0 1 1 | 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 1 1 |
| 467 Cirrhosis Liver (No ALC) | 2 2 | 2 | 1 1 2 | 0 0 0 | 0 0 0 | 4 2 6 |
| 468 AC. Atrophy Liver | 0 0 0 | 0 | 0 1 1 | 0 0 0 | 0 0 0 | 0 1 1 |
| 473 Peritonitis | 0 0 0 | 0 | 1 0 1 | 0 0 0 | 0 0 0 | 1 0 1 |
| TOTAL IX | 6 5 11 | 9 | 7145 1164 | 1 5 | 1 2 3 | 91 53 144 |
| <u>DIS. OF URINARY SYSTEM</u> | | | | | | |
| 500 Ac. Nephritis | 0 0 0 | 1 | 0 5 5 | 0 0 0 | 0 0 0 | 1 5 6 |
| 501 CHR. Nephritis | 5 2 7 | 1 | 2 2 4 | 1 0 1 | 0 0 0 | 9 4 13 |
| 502 Other Nephritis | 0 0 0 | 1 | 0 0 0 | 0 0 0 | 0 0 0 | 1 0 1 |
| 503 Pyelitis | 1 0 1 | 0 | 0 0 0 | 1 0 1 | 0 0 0 | 2 0 2 |
| 509 Hypertrophy Prostate | 2 0 2 | 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 0 2 |
| 512 Dis of Ovaries, | 0 0 0 | 0 | 0 1 1 | 0 0 0 | 0 0 0 | 0 1 1 |
| TOTAL X | 8 2 10 | 3 | 2 8 10 | 2 0 2 | 0 0 0 | 15 10 25 |
| <u>DIS. OF PREGNANCY</u> | | | | | | |
| 554 Foetal Gestation | 0 0 0 | 0 | 0 2 2 | 0 0 0 | 0 0 0 | 0 2 2 |
| 555 Haemorrhage of Pregnancy | 0 0 0 | 0 | 0 1 1 | 0 0 0 | 0 0 0 | 0 1 1 |
| 565 Puerperal Haem. | 0 0 0 | 0 | 0 1 1 | 0 0 0 | 0 1 1 | 0 2 2 |
| 567 Puerperal Infection | 0 1 1 | 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 1 1 |
| TOTAL XI | 0 1 1 | 0 | 0 4 4 | 0 0 0 | 0 1 1 | 0 6 6 |
| <u>DIS. OF SKIN</u> | | | | | | |
| 601 Cellulitis | 0 0 0 | 2 | 2 0 2 | 0 0 0 | 0 0 0 | 4 0 4 |
| 602 Other Skin Dis. | 0 1 1 | 0 | 0 0 0 | 0 0 0 | 0 0 0 | 0 1 1 |
| TOTAL XII | 0 1 1 | 2 | 2 0 2 | 0 0 0 | 0 0 0 | 4 1 5 |
| <u>CONGEN. MALFORMATIONS.</u> | | | | | | |
| 700 Cong. Hydrocephalus | 0 0 0 | C | 0 1 1 | 0 0 0 | 0 0 0 | 0 1 1 |
| TOTAL XIV | 0 0 0 | C | 0 1 1 | 0 0 0 | 0 0 0 | 0 1 1 |
| <u>DIS.peculiar to the FIRST YEAR OF LIFE.</u> | | | | | | |
| 750 Cong. Debility | 1 0 1 | 0 | 2 1 3 | 1 0 1 | 0 0 0 | 4 1 5 |
| 751 Premature Birth | 6 1 7 | 0 | 121123 | 0 0 0 | 0 0 0 | 18 12 30 |
| 752 Injury at Birth | 2 0 2 | 0 | 2 1 3 | 0 0 0 | 0 0 0 | 4 1 5 |
| 754 Asphyxia & Atelectasis | 0 1 1 | C | 5 4 9 | 0 0 0 | 0 0 0 | 5 5 10 |
| 756 Pemphigus | 0 0 0 | 0 | 0 0 0 | 0 0 0 | 1 0 1 | 0 1 1 |
| 758 Other Infant Dis. | 0 0 0 | 0 | 6 0 6 | 0 0 0 | 0 0 0 | 6 0 6 |
| TOTAL XV | 9 2 11 | 0 | 271744 | 1 0 1 | 1 0 1 | 38 19 57 |

| | H&R M.F.T. | MEN, N. M. | NAT. M. F. T. | COL. M.F.T. | AS. M.F.T. | TOTAL. M. F. T. |
|--------------------------------------|---------------|---------------|------------------|----------------|---------------|--------------------|
| <u>SENILITY.</u> | | | | | | |
| 800 Senility | 2 3 5 | 0 | 3 4 7 | 1 0 1 | 1 0 1 7 | 7 7 14 |
| <u>TOTAL XV1</u> | 2 3 5 | 0 | 3 4 7 | 1 0 1 | 1 0 1 7 | 7 7 14 |
| <u>VIOLENT OR ACCIDENTAL DEATHS.</u> | | | | | | |
| 856 Suicide-Hanging. | 6 0 0 | 0 | 0 0 0 | 0 0 0 | 1 0 1 1 | 0 0 1 |
| 858 Suicide-Firearms. | 1 0 1 | 0 | 0 0 0 | 0 0 0 | 0 0 1 1 | 0 0 1 |
| 866 Homicide cutting Instr. T. | 0 0 0 | 4 | 5 2 2 | 5 0 0 | 1 0 1 10 | 0 10 17 |
| 867 Other Homicide | 0 0 0 | 13 | 2 0 0 | 4 2 0 | 0 0 1 15 | 2 0 3 |
| 868 Rail Accidents. | 0 0 0 | 1 | 2 1 0 | 0 0 0 | 0 0 1 5 | 0 0 5 |
| 871 Car Accidents. | 1 0 1 | 2 | 0 0 0 | 1 0 0 | 0 0 1 1 | 0 0 1 |
| 874 M/Cycle Accidents. | 1 0 1 | 0 | 0 0 0 | 0 0 0 | 0 0 0 0 | 0 0 0 |
| 877 Cycle Accidents. | 0 0 0 | 1 | 0 0 0 | 0 0 0 | 0 0 0 0 | 0 0 0 |
| 879 Air Transports Accidents. | 1 0 1 | 0 | 0 0 0 | 0 0 0 | 0 0 0 0 | 0 0 1 |
| 880 Mine Accidents. | 2 0 2 | 40 | 0 0 0 | 0 0 1 | 0 0 0 42 | 1 0 42 |
| 886 Machinery Accids. | 0 0 0 | 0 | 0 1 1 | 0 0 0 | 0 0 0 0 | 1 1 1 |
| 888 Accid. Gassing. | 0 0 0 | 0 | 0 1 1 | 0 0 0 | 0 0 0 0 | 1 1 1 |
| 889 Accid. Poisoning. | 0 0 0 | 0 | 0 1 1 | 0 0 0 | 0 0 0 0 | 1 1 1 |
| 891 Accid. Burns. | 0 0 0 | 0 | 1 1 1 | 1 2 1 | 0 0 0 0 | 2 2 3 |
| 893 Accid. Drowning. | 1 0 1 | 2 | 2 2 2 | 4 2 0 | 0 0 0 0 | 2 2 7 |
| 896 Accd. Fall. | 1 1 2 | 1 | 2 0 0 | 2 0 0 | 0 0 0 0 | 1 1 5 |
| 899 Injury by Animal | 0 0 0 | 0 | 0 0 0 | 0 0 1 | 0 0 0 1 | 0 0 1 |
| 901 Exposure - Cold. | 0 0 0 | 0 | 0 1 1 | 0 0 0 | 0 0 0 0 | 1 1 1 |
| 904 Electricity Accd. | 0 0 0 | 1 | 0 1 1 | 0 0 0 | 0 0 0 0 | 0 0 2 |
| <u>TOTAL XVII</u> | 8 1 9 | 65 | 20 5 25 | 9 1 1 4 0 4 97 | 7 | 104 |
| <u>ILL-DEFINED CAUSES.</u> | | | | | | |
| 952 Cause Unknown. | 0 0 0 | 0 | 2 0 2 | 0 0 0 | 0 0 0 2 | 0 0 2 |
| <u>TOTAL XVIII</u> | 0 0 0 | 0 | 2 0 2 | 0 0 0 | 0 0 0 2 | 0 0 2 |
| <u>GRAND TOTAL.</u> | 10957 166 166 | 320 242 | 562261410 | 16 622 637 | 319956 | |

DEATHS.(e) DEATH RATES : VARIOUS CAUSES.

(According to Short list of Census Office.)

| | NATIVES | | | | | ALL NON-EUR | ALL RACES | ALL RACES | |
|--|---------|------|-------|---------|--------|----------------|--------------|-----------|---------|
| | | EUR | MIN. | NON-MIN | COL AS | | | 1931-36 | 1936-41 |
| 1. Typhoid Fever | 0.08 | 0.25 | 0.41 | 0.00 | 0.00 | 0.31 | 0.24 | 0.79 | 0.19 |
| 2. Plague | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3. C. Spinal Menin- gitis. | 0.00 | 0.15 | 0.12 | 0.00 | 0.00 | 0.13 | 0.09 | 0.13 | 0.08 |
| 4. Scarlet Fever. | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 |
| 5. Whooping Cough | 0.00 | 0.00 | 0.08 | 0.00 | 0.00 | 0.04 | 0.03 | 0.23 | 0.05 |
| 6. Diphtheria | 0.00 | 0.00 | 0.08 | 0.00 | 0.00 | 0.04 | 0.03 | 0.04 | 0.01 |
| 7. T.B. Respiration | 0.08 | 0.18 | 1.56 | 0.79 | 0.81 | 0.83 | 0.60 | 0.72 | 0.50 |
| 8. Other T.B. | 0.08 | 0.40 | 0.20 | 0.79 | 0.00 | 0.32 | 0.25 | 0.08 | 0.12 |
| 9. Leprosy. | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10. Malaria. | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.03 |
| 11. Syphilis | 0.00 | 0.00 | 0.37 | 0.39 | 0.00 | 0.18 | 0.13 | 0.17 | 0.28 |
| 12. Influenza. | 0.21 | 0.47 | 0.37 | 0.00 | 0.00 | 0.39 | 0.34 | 0.38 | 0.23 |
| 13. Small Pox | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 14. Measles. | 0.00 | 0.00 | 0.08 | 0.00 | 0.00 | 0.04 | 0.03 | 0.06 | 0.04 |
| 15. Typhus Fever. | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 |
| 16. Cancer. | 0.79 | 0.22 | 0.20 | 0.39 | 0.00 | 0.22 | 0.39 | 0.28 | 0.34 |
| 17. Diabetes. | 0.17 | 0.00 | 0.04 | 0.00 | 0.00 | 0.02 | 0.06 | 0.03 | 0.04 |
| 18. Cerebral Haem. | 0.25 | 0.07 | 0.24 | 0.39 | 0.00 | 0.17 | 0.19 | 0.19 | 0.14 |
| 19. Cardiac Dis. (350.357) | 0.54 | 0.29 | 1.60 | 1.58 | 0.81 | 0.93 | 0.81 | 0.91 | 0.82 |
| 20. Oth. Circulatory Dis. | 0.79 | 0.04 | 0.74 | 1.18 | 1.72 | 0.43 | 0.54 | 0.18 | 0.12 |
| 21. Bronch. & Pneumonia. | 0.74 | 0.80 | 6.37 | 4.34 | 5.68 | 3.52 | 2.68 | 4.06 | 2.79 |
| 22. Miners Phthisis (No T.B.) | 0.41 | 0.04 | 0.04 | 0.00 | 0.00 | 0.04 | 0.15 | 0.12 | 0.08 |
| 23. Miners Phthisis (With T.B.) | 0.04 | 0.04 | 0.00 | 0.79 | 0.00 | 0.05 | 0.05 | 0.03 | 0.02 |
| 24. Oth. Respy. Dis. | 0.25 | 0.07 | 0.12 | 0.00 | 0.00 | 0.09 | 0.14 | 0.13 | 0.10 |
| 25. Ulcer Stomach etc. | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 |
| 26. Enteritis (under 2 years). | 0.12 | - | 4.09 | 1.58 | 2.44 | 1.92 | 1.38 | 2.57 | 1.28 |
| 27. Appendicitis. | 0.08 | 0.07 | 0.00 | 0.39 | 0.00 | 0.05 | 0.06 | 0.08 | 0.06 |
| 28. Dis. of Liver. | 0.12 | 0.07 | 0.12 | 0.00 | 0.00 | 0.09 | 0.10 | 0.07 | 0.05 |
| 29. Nephritis. | 0.29 | 0.11 | 0.37 | 0.39 | 0.00 | 0.23 | 0.25 | 0.20 | 0.17 |
| 30. Puerperal Sep. | 0.04 | - | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.09 | 0.02 |
| 31. Oth. Maternal | 0.00 | - | 0.16 | 0.00 | 0.81 | 0.09 | 0.06 | 0.07 | 0.06 |
| 32. Cong. Malformn & Dis. of Infancy. | 0.45 | - | 1.84 | 0.39 | 0.81 | 0.84 | 0.73 | 1.18 | 0.89 |
| 33. Suicide. | 0.04 | 0.00 | 0.00 | 0.00 | 0.81 | 0.02 | 0.03 | 0.04 | 0.04 |
| 34. Oth. Violent Dths | 0.33 | 2.36 | 1.06 | 0.39 | 2.44 | 1.70 | 1.28 | 1.17 | 1.13 |
| 35. Oth. Defined caus | 0.87 | 0.41 | 2.63 | 1.99 | 1.58 | 1.44 | 1.26 | 1.67 | 0.96 |
| 36. Causes unknown. | 0.00 | 0.00 | 0.08 | 0.00 | 0.00 | 0.04 | 0.03 | 0.04 | 0.07 |
| ALL CAUSES | 5.85 | 6.04 | 22.97 | 15.77 | 17.91 | 14.17 | 11.96 | 15.74 | 10.61 |

INFANTILE MORTALITY.

(a) Total Infantile Deaths in Months.

| | EUR. | | | NATIVE. | | | COL. | | | AS. | | | TOTAL. | | |
|-----------|------|----|----|---------|----|-----|------|----|----|-----|----|----|--------|----|-----|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| JULY | 4 | 1 | 5 | 2 | 9 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 10 | 16 |
| AUGUST | 2 | 0 | 2 | 6 | 3 | 9 | 1 | 1 | 2 | 1 | 2 | 3 | 10 | 6 | 16 |
| SEPTEMBER | 3 | 0 | 3 | 8 | 6 | 14 | 1 | 0 | 1 | 1 | 0 | 1 | 13 | 6 | 19 |
| OCTOBER | 3 | 0 | 3 | 9 | 3 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 12 | 3 | 15 |
| NOVEMBER | 1 | 0 | 1 | 15 | 10 | 25 | 0 | 0 | 2 | 2 | 1 | 3 | 18 | 13 | 31 |
| DECEMBER | 0 | 0 | 0 | 16 | 10 | 26 | 1 | 0 | 1 | 0 | 0 | 0 | 17 | 10 | 27 |
| JANUARY | 1 | 0 | 1 | 17 | 8 | 25 | 2 | 1 | 3 | 0 | 0 | 0 | 20 | 9 | 29 |
| FEBRUARY | 0 | 0 | 0 | 7 | 3 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 3 | 10 |
| MARCH | 0 | 0 | 0 | 11 | 8 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 8 | 19 |
| APRIL | 0 | 0 | 0 | 4 | 5 | 9 | 0 | 0 | 0 | 1 | 0 | 1 | 5 | 5 | 10 |
| MAY | 1 | 2 | 3 | 9 | 7 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 9 | 19 |
| JUNE | 1 | 2 | 3 | 6 | 10 | 16 | 1 | 1 | 2 | 0 | 0 | 0 | 8 | 13 | 21 |
| TOTAL, | 16 | 5 | 21 | 110 | 82 | 192 | 6 | 5 | 11 | 5 | 3 | 8 | 137 | 95 | 232 |

(d) INFANTILE MORTALITY RATES.

| | | |
|------------|---------|-------|
| EUROPEAN : | Males | 46.9 |
| | Females | 17.6 |
| NATIVE : | Males | (374) |
| | Females | (324) |
| COLOURED : | Males | 125 |
| | Females | 156 |
| ASIATIC : | Males | 217 |
| | Females | 111 |
| | | 160 |

(e) VARIOUS CAUSES OF INFANTILE DEATHS.

(Expressed as percentages).

| | ALL RACES | EUR. | NAT. | COL. | AS. |
|--------------------------------------|-----------|------|------|------|-----|
| Bowel Infections | 36 | 14 | 39 | 27 | 38 |
| Bronchitis & Pneumonia | 29 | 24 | 29 | 36 | 38 |
| Premature Birth. | 13 | 33 | 12 | 9 | 0 |
| Cong. Debility & Dietary Conditions. | 4 | 5 | 4 | 9 | 0 |
| Inury at Birth. | 2 | 10 | 2 | 0 | 0 |
| Syphilis | 2 | 0 | 2 | 0 | 0 |
| Other Infestive Diseases | 3 | 0 | 3 | 0 | 12 |
| Other Conditions. | 11 | 14 | 9 | 19 | 12 |
| TOTAL. | 100 | 100 | 100 | 100 | 100 |

(b) CAUSES OF INFANTILE DEATH.

| | EUR. | | | NAT. | | | COL. | | | AS. | | | TOTAL. | | |
|-------------------------|-----------|----------|-----------|------------|-----------|------------|----------|----------|-----------|----------|----------|----------|------------|-----------|------------|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| 008 C.S.Meningitis | | | | 1 | 1 | 2 | | | | 1 | 1 | 1 | 1 | 1 | 2 |
| 014 Tetanus | | | | 1 | 0 | 1 | | | | 1 | 0 | 1 | 1 | 0 | 1 |
| 015 T.B. Lungs. | | | | 0 | 1 | 1 | | | | 1 | 0 | 1 | 1 | 1 | 2 |
| 024 T.B. Acute Miliary | | | | 1 | 0 | 1 | | | | 1 | 1 | 1 | 1 | 1 | 4 |
| 043 Cong. Syphilis | | | | 3 | 1 | 4 | | | | 3 | 0 | 1 | 1 | 1 | 1 |
| 149 Rheumatic Fever | | | | 0 | 1 | 2 | | | | 0 | 1 | 1 | 1 | 1 | 2 |
| 163 Malnutrition | | | | 1 | 1 | 2 | | | | 1 | 0 | 1 | 1 | 0 | 1 |
| 165 Scurvy | | | | 1 | 0 | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 |
| 167 Beri-Beri. | | | | 0 | 1 | 1 | | | | 0 | 1 | 1 | 1 | 1 | 1 |
| 303 Meningitis | | | | 0 | 1 | 1 | | | | 1 | 0 | 1 | 1 | 1 | 1 |
| 317 Mastoiditis | | | | 0 | 1 | 1 | | | | 1 | 0 | 1 | 1 | 1 | 1 |
| 402 Bronchitis | | | | 1 | 1 | 2 | | | | 2 | 2 | 4 | 2 | 2 | 5 |
| 404 Broncho Pneumonia | 3 | 1 | 4 | 19 | 21 | 40 | | | | 2 | 2 | 4 | 1 | 3 | 51 |
| 405 Lobar Pneumonia | 1 | 0 | 1 | 5 | 9 | 14 | | | | 1 | 0 | 1 | 6 | 6 | 15 |
| 451 Septic sore Throat | 1 | 0 | 1 | 1 | 2 | 4 | | | | 2 | 1 | 3 | 1 | 1 | 1 |
| 458 Enteritis | 2 | 1 | 3 | 48 | 26 | 74 | | | | 1 | 2 | 3 | 3 | 3 | 83 |
| 463 Intest. Obstruction | | | | 1 | 0 | 1 | | | | 1 | 0 | 1 | 1 | 0 | 1 |
| 500 Ac. Nephritis | | | | 0 | 0 | 1 | | | | 1 | 0 | 1 | 1 | 1 | 1 |
| 503 Pyelitis | | | | 1 | 0 | 1 | | | | 1 | 0 | 1 | 1 | 1 | 1 |
| 601 Cellulitis | | | | 1 | 0 | 1 | | | | 1 | 0 | 1 | 1 | 1 | 1 |
| 750 Cong. Debility | 1 | 0 | 1 | 2 | 2 | 3 | | | | 1 | 0 | 1 | 1 | 1 | 4 |
| 751 Premature Birth | 6 | 1 | 7 | 12 | 11 | 23 | | | | 1 | 0 | 1 | 1 | 1 | 1 |
| 752 Injury at Birth | 2 | 1 | 2 | 2 | 2 | 3 | | | | 1 | 0 | 1 | 1 | 1 | 5 |
| 754 Atelectasis | | | | 3 | 3 | 6 | | | | 1 | 0 | 1 | 1 | 1 | 6 |
| Asphyxia. | 0 | 1 | 1 | 2 | 1 | 3 | | | | 1 | 0 | 1 | 1 | 1 | 4 |
| 756 Pemphigus | | | | 5 | 0 | 5 | | | | 1 | 0 | 1 | 1 | 0 | 0 |
| 758 Icterus | | | | 1 | 0 | 1 | | | | 1 | 0 | 1 | 1 | 0 | 1 |
| 758 Sepsis Umbilicus | | | | 1 | 0 | 1 | | | | 0 | 1 | 1 | 1 | 0 | 1 |
| 891 Accid. Burns. | | | | | | | | | | 0 | 1 | 1 | 0 | 1 | 1 |
| TOTAL. | 16 | 5 | 21 | 110 | 82 | 192 | 6 | 5 | 11 | 5 | 3 | 8 | 137 | 95 | 232 |

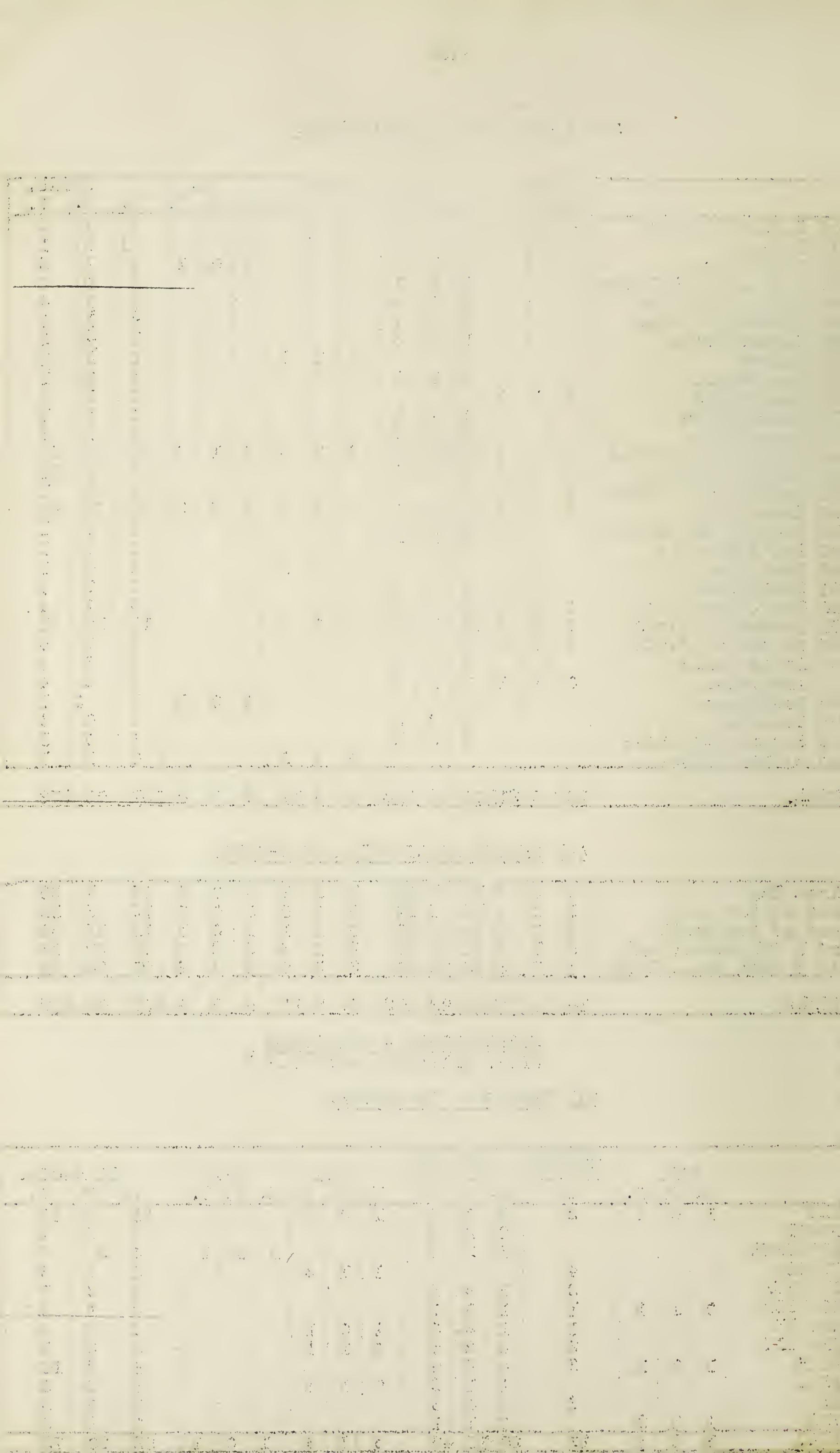
(c) DEATHS AT CERTAIN AGE GROUPS.

| | | | | | | | | | | | | | | | |
|-----------------------|-----------|----------|-----------|------------|-----------|------------|----------|----------|-----------|----------|----------|----------|------------|-----------|------------|
| First Day | 5 | 2 | 7 | 11 | 7 | 18 | 1 | 0 | 1 | 0 | 0 | 0 | 17 | 9 | 26 |
| Rest of 1st week | 1 | 0 | 1 | 12 | 5 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 5 | 18 |
| Rest of 1st Month | 4 | 0 | 4 | 14 | 14 | 28 | 0 | 1 | 1 | 1 | 1 | 0 | 19 | 15 | 34 |
| 2nd B 6th Mths.(ind) | 5 | 1 | 6 | 51 | 28 | 79 | 2 | 1 | 3 | 3 | 3 | 2 | 5 | 61 | 32 |
| 7th B 12th Mths.(Ind) | 1 | 2 | 3 | 22 | 28 | 50 | 3 | 3 | 6 | 1 | 1 | 2 | 27 | 34 | 61 |
| TOTAL: | 16 | 5 | 21 | 110 | 82 | 192 | 6 | 5 | 11 | 5 | 3 | 8 | 137 | 95 | 232 |

TUBERCULOSIS - ALL FORMS
(Ind. Silicosis with T.B.)

(a) DEATHS : IN MONTHS.

| | EUR. | | | MINING-NATIVES | | | NON MIN-NATIVES | | | COL. | | | AS. | | | ALL RACES. | | | |
|--------------|----------|----------|----------|----------------|-----------|-----------|-----------------|----------|----------|----------|----------|----------|----------|-----------|-----------|------------|----|----|--|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | |
| JULY | 1 | 0 | 1 | 2 | 6 | 0 | 6 | 1 | 0 | 1 | | | 1 | 0 | 1 | 10 | 0 | 10 | |
| AUGUST | | | | 2 | 2 | 4 | | | | 1 | 0 | 1 | | | | 2 | 2 | 4 | |
| SEPTEMBER | | | | 3 | 3 | 6 | | | | 1 | 1 | 2 | | | | 4 | 3 | 7 | |
| OCTOBER | | | | 4 | 2 | 5 | | | | 1 | 1 | 2 | | | | 5 | 1 | 6 | |
| NOVEMBER | | | | 2 | 1 | 2 | | | | 1 | 0 | 1 | | | | 5 | 2 | 7 | |
| DECEMBER | 0 | 1 | 1 | 1 | 1 | 2 | 3 | 2 | 1 | 1 | 0 | 1 | | | | 2 | 1 | 3 | |
| JANUARY | | | | 1 | 1 | 2 | 3 | 2 | 1 | 1 | 0 | 1 | | | | 3 | 2 | 5 | |
| FEBRUARY | | | | 2 | 4 | 2 | 6 | 10 | 1 | 1 | | | | | | 6 | 3 | 9 | |
| MARCH | 1 | 0 | 1 | 3 | 4 | 2 | 6 | 10 | 1 | 1 | | | | | | 8 | 2 | 10 | |
| APRIL | | | | 1 | 1 | 2 | 3 | 0 | 1 | 1 | | | | | | 1 | 2 | 3 | |
| MAY | | | | 2 | 3 | 0 | 3 | 1 | 1 | | | | | | | 5 | 0 | 5 | |
| JUNE | 1 | 1 | 2 | 0 | 1 | 1 | | | | | | | | | | 2 | 0 | 3 | |
| TOTAL | 3 | 2 | 5 | 17 | 28 | 15 | 43 | 3 | 3 | 6 | 1 | 0 | 1 | 52 | 20 | 72 | | | |



(b) DEATHS : IN AGE GROUPS.

| | EUR. | | | MINING NATIVES | | | NON MIN. NATIVES. | | | COL. | | | AS. | | | ALL RACES. | | |
|--------|------|----|----|----------------|----|----|-------------------|----|----|------|----|----|-----|----|----|------------|----|----|
| | M. | F. | T. | M. | | | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| 0-4 | | | | | 4 | 3 | 7 | | | 0 | 1 | 1 | 1 | 0 | 1 | 5 | 4 | 9 |
| 5-14 | | | | | 1 | 4 | 5 | | | | | | | | | 1 | 4 | 5 |
| 15-24 | 0 | 1 | 1 | 3 | 4 | 3 | 7 | | | | | | | | | 7 | 4 | 11 |
| 25-34 | | | | | 5 | 6 | 3 | 9 | | 0 | 1 | 1 | | | | 11 | 4 | 15 |
| 35-44 | | | | | 3 | 4 | 2 | 6 | | 0 | 1 | 1 | | | | 7 | 3 | 10 |
| 45-54 | | | | | 4 | 0 | 4 | | | 1 | 0 | 1 | | | | 9 | 0 | 9 |
| 55 up. | 3 | 1 | 4 | 2 | 5 | 0 | 5 | | | 2 | 0 | 2 | | | | 12 | 1 | 13 |
| TOTAL: | 3 | 2 | 5 | 17 | 28 | 15 | 43 | | | 3 | 3 | 6 | 1 | 0 | 1 | 52 | 20 | 72 |

(c) DEATH RATES PER 1000 POPULATION.

| | PULMONARY T.B. | OTHER T.B. | T.B.(ALL FORMS) |
|--------------------|----------------|------------|-----------------|
| All Races. | 0.65 | 0.25 | 0.90 |
| European | 0.12 | 0.08 | 0.20 |
| Mining Natives | 0.22 | 0.40 | 0.62 |
| Non-Mining Natives | 1.56 | 0.20 | 1.76 |
| Coloured | 1.58 | 0.79 | 2.37 |
| Asiatic | 0.81 | 0.00 | 0.81 |
| All Non-European | 0.88 | 0.32 | 1.20 |

(d) CASES NOTIFIED PER 1000 POPULATION.

| | PULMONARY T.B. | OTHER T.B. | T.B.(ALL FORMS) |
|--------------------|----------------|------------|-----------------|
| All Races. | 1.11 | 0.23 | 1.34 |
| European | 0.29 | 0.04 | 0.33 |
| Mining Natives | 1.06 | 0.22 | 1.28 |
| Non-Mining Natives | 2.00 | 0.41 | 2.41 |
| Coloured | 1.18 | 0.39 | 1.57 |
| Asiatic | 0.81 | 0.00 | 0.81 |
| All Non-European | 1.47 | 0.31 | 1.78 |

LUNG DISEASES (NON-T.B.)
(Incl. Influenza (Respiratory))

(a) TOTAL DEATHS : IN MONTHS.

| | EUR. | | | MINING NATIVES | | | NON MIN. NATIVES | | | COL. | | | AS. | | | ALL RACES. | | |
|-----------|------|----|----|----------------|----|----|------------------|----|----|------|----|----|-----|-----|----|------------|----|----|
| | M. | F. | T. | M. | | | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| JULY | 5 | 0 | 5 | 4 | 6 | 11 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 11 | 26 |
| AUGUST | 7 | 2 | 9 | 2 | 6 | 5 | 11 | 2 | 1 | 3 | 1 | 1 | 2 | 1 | 1 | 18 | 9 | 27 |
| SEPTEMBER | 4 | 1 | 5 | 5 | 7 | 8 | 15 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 17 | 9 | 26 |
| OCTOBER | 0 | 1 | 1 | 4 | 7 | 9 | 16 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 12 | 10 | 22 |
| NOVEMBER | 0 | 0 | 0 | 5 | 7 | 5 | 12 | 1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 13 | 6 | 19 |
| DECEMBER | 1 | 0 | 1 | 2 | 15 | 9 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 9 | 27 |
| JANUARY | 0 | 1 | 1 | 2 | 5 | 3 | 8 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 7 | 5 | 12 |
| FEBRUARY | 1 | 2 | 3 | 1 | 7 | 2 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 4 | 13 |
| MARCH | 1 | 1 | 2 | 3 | 10 | 6 | 16 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 14 | 8 | 22 |
| APRIL | 3 | 0 | 3 | 4 | 4 | 6 | 10 | 1 | 1 | 2 | 2 | 0 | 2 | 0 | 0 | 14 | 7 | 21 |
| MAY | 2 | 1 | 3 | 0 | 9 | 6 | 15 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 12 | 7 | 19 |
| JUNE. | 3 | 2 | 5 | 6 | 10 | 6 | 16 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 1 | 21 | 8 | 29 |
| TOTAL: | 27 | 11 | 38 | 38 | 93 | 76 | 159 | 7 | 4 | 11 | 5 | 2 | 7 | 170 | 93 | 263 | | |

(b) DEATH RATES PER 1000 POPULATION

| | |
|--------------------|------|
| ALL RACES | 3.29 |
| EUROPEAN | 1.57 |
| MINING NATIVES | 1.38 |
| NON-MINING NATIVES | 6.91 |
| COLOURED | 4.34 |
| ASIATIC | 5.70 |
| ALL NON-EUROPEAN | 4.03 |

DIARRHOEA AND ENTERITIS (UNDER 2 YEARS)

(a) TOTAL DEATHS : IN MONTHS.

| | EUR. M. F. T. | MINING NATIVES M. | NON MIN. NATIVES. M. F. T. | COL. | | | AS. | | | TOTAL. | | | |
|-----------|------------------|-------------------------|----------------------------------|------|----|----|-----|----|----|--------|----|-----|---|
| | | | | M. | F. | T. | M. | F. | T. | M. | F. | T. | |
| JULY | | | 0 | 1 | 1 | | | | | 0 | 1 | 1 | |
| AUGUST | | | 0 | 1 | 1 | | | | | 0 | 2 | 2 | |
| SEPTEMBER | | | 2 | 0 | 2 | | | | | 2 | 0 | 2 | |
| OCTOBER | 1 | 0 | 1 | 5 | 0 | 5 | 1 | 0 | 1 | 7 | 0 | 7 | |
| NOVEMBER | 1 | 0 | 1 | 8 | 7 | 15 | 10 | 1 | 1 | 10 | 9 | 19 | |
| DECEMBER | | | 10 | 9 | 19 | 1 | 0 | 1 | | 11 | 9 | 20 | |
| JANUARY | | | 15 | 10 | 25 | 1 | 0 | 1 | | 16 | 10 | 26 | |
| FEBRUARY | | | 5 | 2 | 7 | | | | | 5 | 2 | 7 | |
| MARCH | | | 6 | 6 | 12 | | | | | 6 | 6 | 12 | |
| APRIL | | | 2 | 2 | 4 | | | | | 2 | 2 | 4 | |
| MAY | | | 4 | 2 | 6 | | | | | 4 | 2 | 6 | |
| JUNE. | 0 | 1 | 1 | 2 | 1 | 3 | | | | 2 | 2 | 4 | |
| TOTAL. | 2 | 1 | 3 | 0 | 59 | 41 | 100 | 3 | 1 | 4 | 1 | 2 | 3 |
| | | | | | | | | | | 65 | 45 | 100 | |

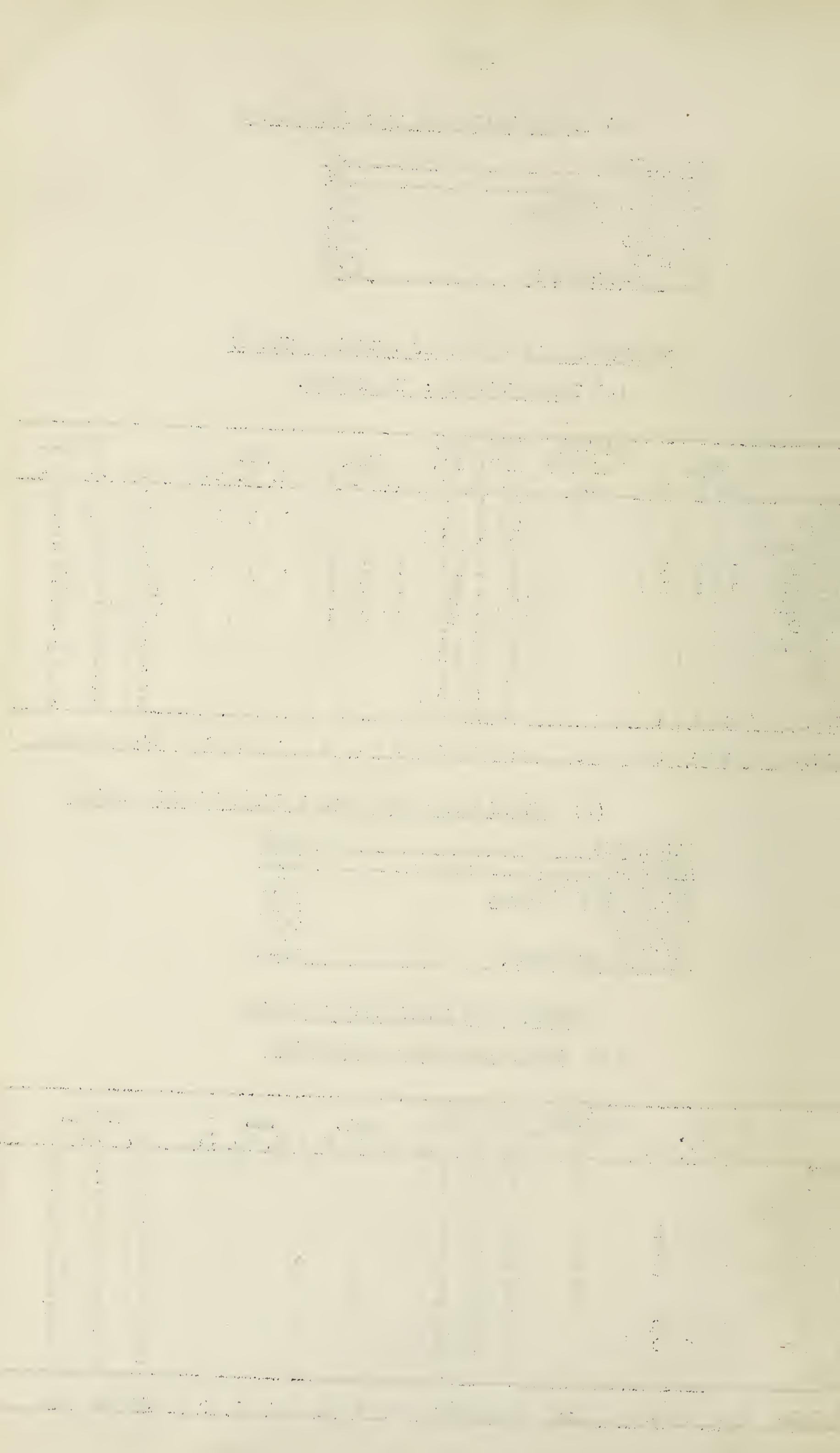
(b) DEATH RATES PER 1000 POPULATION PER ANNUM.

| | |
|--------------------|------|
| ALL RACES | 1.38 |
| EUROPEAN | 0.12 |
| MINING NATIVES | — |
| NON-MINING NATIVES | 4.09 |
| COLOURED | 1.58 |
| ASIATIC | 2.44 |
| ALL NON-EUROPEAN. | 1.92 |

TYPHOID AND PARATYPHOID FEVERS.

(a) NOTIFICATIONS : IN MONTHS.

| | EUR. M. F. T. | MINING NATIVES. M. | NON MIN. NATIVES. M. F. T. | COL. | | | AS. | | | TOTAL. | | |
|-----------|------------------|--------------------------|----------------------------------|------|----|----|-----|----|----|--------|----|----|
| | | | | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| JULY | | | 2 | 0 | 1 | 1 | | | | 2 | 1 | 3 |
| AUGUST | | | 2 | 0 | 1 | 1 | | | | 2 | 1 | 3 |
| SEPTEMBER | | | 1 | 1 | 0 | 1 | | | | 0 | 0 | 0 |
| OCTOBER | 0 | 1 | 1 | 1 | 0 | 1 | | | | 1 | 1 | 2 |
| NOVEMBER | 2 | 0 | 2 | 1 | 1 | 1 | | | | 4 | 0 | 4 |
| DECEMBER | 1 | 0 | 1 | 6 | 2 | 0 | 2 | 0 | 2 | 9 | 8 | 13 |
| JANUARY | | | 4 | 4 | 5 | 9 | | | | 8 | 4 | 11 |
| FEBRUARY | | | 1 | 3 | 1 | 4 | | | | 6 | 4 | 5 |
| MARCH | 0 | 1 | 1 | 0 | 5 | 5 | | | | 6 | 3 | 6 |
| APRIL | 1 | 0 | 1 | 1 | 3 | 4 | | | | 2 | 2 | 5 |
| MAY | | | 2 | 3 | 3 | 5 | | | | 3 | 3 | 5 |
| JUNE | | | | | | | | | | 0 | 0 | 0 |
| TOTAL: | 4 | 2 | 6 | 16 | 14 | 19 | 33 | 0 | 0 | 0 | 21 | 55 |



(b) DEATHS : IN MONTHS.

| | EUR. M. F. T. | MINING NATIVES M. | NON MIN. NATIVES. M. F. T. | COL. M. F. T. | AS. M. F. T. | TOTAL. M. F. T. |
|-----------|------------------|-------------------------|----------------------------------|------------------|-----------------|--------------------|
| JULY | | 1 | | | | 1 0 1 |
| AUGUST | | 1 | | | | 1 0 1 |
| SEPTEMBER | | | 0 1 1 | | | 0 1 1 |
| OCTOBER | 0 1 1 | | | | | 1 1 1 |
| NOVEMBER | | | | | | 0 0 0 |
| DECEMBER | 1 0 1 | 4 | 1 0 1 | | | 6 0 0 |
| JANUARY | | | 2 1 3 | | | 2 1 3 |
| FEBRUARY | | 1 | 0 1 2 | | | 1 1 2 |
| MARCH | | | 0 2 2 | | | 0 0 2 |
| APRIL | | | | | | 0 0 2 |
| MAY | | | 0 2 2 | | | 0 0 2 |
| JUNE. | | | | | | 0 0 0 |
| TOTAL | 1 1 2 | 7 | 3 7 10 | 0 0 0 | 0 0 0 | 11 8 19 |

(c) INCIDENCE AND DEATH RATES.

| | INCIDENCE RATES (NOTIFICATION PER 1000 POPULATION.) | DEATH RATES (DEATHS PER 1000 POPUL.) | CASE MORTALITY RATES (DEATHS PER 1000 POPUL.) |
|--------------------|---|--|---|
| ALL CASES | 0.69 | 0.24 | 34 |
| EUROPEAN | 0.24 | 0.08 | 33 |
| MINING NATIVES | 0.44 | 0.25 | 43 |
| NON-MINING NATIVES | 1.34 | 0.41 | 30 |
| COLOURED | 0.00 | 0.00 | - |
| ASIATIC | 0.00 | 0.00 | - |
| ALL NON-EUROPEAN | 0.88 | 0.31 | 35 |

TOTAL OF ACUTE INTESTINAL INFECTIONS
(Incl. Typhoid, Enteritis, Dysentery)

(a) TOTAL DEATHS : IN MONTHS.

| | EUR. M.F.T. | MINING NATIVES M. | NON MIN NATIVES. M. F. T. | COL. M. F. T. | AS. M. F. T. | TOTAL. M. F. T. |
|-----------|----------------|-------------------------|---------------------------------|------------------|-----------------|--------------------|
| JULY | | 1 | 0 2 2 | | | 1 2 3 |
| AUGUST | | 1 | 0 1 1 | | | 1 2 3 |
| SEPTEMBER | 0 1 1 | 2 | 1 3 | | | 2 2 4 |
| OCTOBER | 1 1 2 | 6 | 0 6 | 1 | 1 | 8 1 9 |
| NOVEMBER | 1 0 1 | 8 | 7 15 | 0 1 1 | 1 1 2 | 10 9 19 |
| DECEMBER | 1 0 1 | 12 | 9 21 | 1 0 1 | 1 1 2 | 18 9 27 |
| JANUARY | | 19 | 11 30 | 1 | 0 1 | 20 11 31 |
| FEBRUARY | | 1 | 5 3 8 | | | 6 3 9 |
| MARCH | | | 7 8 15 | | | 7 8 15 |
| APRIL | | | 3 2 5 | | | 3 2 5 |
| MAY | | | 4 4 8 | | | 4 4 8 |
| JUNE. | 0 1 1 | 2 | 1 3 | | | 2 2 4 |
| TOTAL: | 3 3 6 | 7 | 68 49 117 | 3 1 4 | 1 2 3 | 82 55 137 |

(b) DEATH RATES PER 1000 POPULATION PER ANNUM.

| | |
|--------------------|------|
| ALL RACES | 1.71 |
| EUROPEAN | 0.24 |
| MINING NATIVES | 0.25 |
| NON-MINING NATIVES | 4.78 |
| COLOURED | 1.58 |
| ASIATIC | 2.44 |
| ALL NON-EUROPEAN | 2.35 |

CANCER.

(a) TOTAL DEATHS : IN ORGANS AFFECTED.

| | EUR. | | | MINING NATIVES | | | NON MIN. NATIVES. | | | COL. | | | AS. | | | TOTAL. | | |
|----------------|------|----|----|-------------------|---|--|----------------------|----|----|------|----|----|-----|----|----|--------|----|----|
| | M. | F. | T. | M. | | | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| 101 Oesophagus | 1 | 0 | 1 | | | | | | | | | | | | | 1 | 0 | 1 |
| 102 Stomach | 3 | 2 | 5 | | | | 1 | 1 | 2 | | | | | | | 4 | 3 | 7 |
| 103 Rectum | | | | | | | 1 | 0 | 1 | | | | | | | 1 | 0 | 1 |
| 104 Liver | 3 | 0 | 3 | | 5 | | | | | | | | | | | 8 | 0 | 8 |
| Gall Bladder | | | | | | | | | | | | | | | | 1 | 0 | 1 |
| 106 Acc. Colon | 1 | 0 | 1 | | | | 0 | 1 | 1 | 1 | 0 | 1 | | | | 1 | 1 | 2 |
| 109 Lung | 1 | 0 | 1 | | | | | | | | | | | | | 1 | 0 | 1 |
| 110 Uterus | 0 | 1 | 1 | | | | | | | | | | | | | 0 | 1 | 1 |
| 112 Breast | 0 | 3 | 3 | | | | | | | | | | | | | 0 | 3 | 3 |
| 113 Prostate | 2 | 0 | 2 | | | | | | | | | | | | | 2 | 0 | 2 |
| 116 Lip | 1 | 0 | 1 | | | | | | | | | | | | | 1 | 0 | 1 |
| TOTAL: | 12 | 6 | 18 | | 5 | | 2 | 2 | 4 | 1 | 0 | 10 | 0 | 0 | 20 | 8 | 28 | |

(b) TOTAL DEATHS : IN AGE GROUPS.

| | EUR. | | | MINING NATIVES. | | | NON MIN. NATIVES. | | | COL. | | | AS. | | | TOTAL. | | |
|--------|------|----|----|--------------------|---|--|----------------------|----|----|------|----|----|-----|----|----|--------|----|----|
| | M. | F. | T. | M. | | | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| 0-24 | | | | 1 | | | | | | | | | | | | 1 | 0 | 1 |
| 25-44. | 1 | 1 | 2 | | 3 | | 1 | 0 | 1 | | | | | | | 5 | 1 | 6 |
| 45-64 | 2 | 3 | 5 | | 1 | | 0 | 1 | 1 | | | | | | | 3 | 4 | 7 |
| 65 up. | 9 | 2 | 11 | | | | 1 | 1 | 2 | 1 | 0 | 1 | | | | 11 | 3 | 14 |
| TOTAL: | 12 | 6 | 18 | | 5 | | 2 | 2 | 4 | 1 | 0 | 10 | 0 | 0 | 0 | 20 | 8 | 28 |

(c) DEATH RATES PER 1000 POPULATION PER ANNUM.

| | |
|--------------------|------|
| ALL RACES | 0.39 |
| EUROPEAN | 0.29 |
| MINING NATIVES | 0.22 |
| NON-MINING NATIVES | 0.20 |
| COLOURED | 0.39 |
| ASIATIC | 0.00 |
| ALL NON-EUROPEAN | 0.22 |

VIOLENCE.

(a) TOTAL DEATHS & CAUSES.

| | EUR. | | | MINING NATIVES. | | | NON MIN. NATIVES. | | | COL. | | | AS. | | | TOTAL. | | |
|------------------|------|----|----|-----------------|----|---|-------------------|----|----|------|----|----|-----|----|----|--------|----|----|
| | M. | F. | T. | M. | | | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| Suicide | 1 | 0 | 1 | | | | | | | | | | 1 | 0 | 1 | 2 | 0 | 2 |
| Homicide | | | | 17 | | | 7 | 2 | 9 | | | | 1 | 0 | 1 | 25 | 2 | 27 |
| Accid. Gassing | | | | | 1 | 0 | 1 | 1 | 2 | | | | | | | 1 | 0 | 1 |
| Accid. Burns | | | | | 1 | 1 | 1 | 1 | 3 | | | | | | | 1 | 2 | 3 |
| Accid. Drowning | 1 | 0 | 1 | 2 | 2 | 1 | 2 | 1 | 3 | 0 | 1 | 1 | | | | 5 | 1 | 6 |
| Accid. Fall. | 1 | 1 | 2 | 1 | 2 | 2 | 0 | 0 | 2 | | | | | | | 4 | 1 | 5 |
| Mine Accidents. | 2 | 0 | 2 | 40 | | | | | | | | | | | | 42 | 0 | 42 |
| Road Accidents. | 2 | 0 | 2 | 3 | 1 | 0 | 1 | | | | | | 1 | 0 | 1 | 7 | 0 | 7 |
| Rail Accidents. | | | | 1 | 2 | 0 | 0 | 2 | | | | | | | | 3 | 0 | 3 |
| Air Accidents. | 1 | 0 | 1 | 1 | 4 | 0 | 4 | | | | | | 1 | 0 | 1 | 1 | 0 | 1 |
| Other Accidents. | | | | | | | | | | | | | 1 | 0 | 1 | 6 | 0 | 6 |
| TOTAL. | 8 | 1 | 9 | 65 | 20 | 4 | 21 | 0 | 1 | 1 | 4 | 0 | 4 | 97 | 6 | 103 | | |

(b) DEATH RATES PER 1000 POPULATION.

| | SUICIDE | HOMICIDE | ROAD ACCDTS. | MINE ACCDTS. | OTHER VIOLENCE | TOTAL |
|---------------------|---------|----------|--------------|--------------|----------------|-------|
| ALL RACES | 0.05 | 0.34 | 0.10 | 0.52 | 0.32 | 1.31 |
| EUROPEAN | 0.04 | 0.00 | 0.08 | 0.08 | 0.17 | 0.37 |
| MINING NATIVES | 0.00 | 0.62 | 0.11 | 1.45 | 0.18 | 2.36 |
| NON-MINING NATIVES. | 0.00 | 0.36 | 0.04 | 0.00 | 0.66 | 1.06 |
| COLOURED. | 0.00 | 0.00 | 0.00 | 0.00 | 0.39 | 0.39 |
| ASIATIC | 0.81 | 0.81 | 0.81 | 0.00 | 0.81 | 3.24 |
| ALL NON-EUROPEAN. | 0.02 | 0.48 | 0.09 | 0.71 | 0.42 | 1.72 |

NOTIFICATIONS OF INFECTIOUS DISEASE.

| | EUR. | MIN.N. | NAT. | COL. | ASIATIC. | TOTAL. |
|------------------------|------|--------|------|------|----------|--------|
| Measles | 24 | 72 | 34 | 7 | 1 | 138 |
| Scarlet Fever | 142 | 0 | 0 | 2 | 0 | 144 |
| Diphtheria | 10 | 0 | 4 | 4 | 1 | 19 |
| Whooping Cough | 39 | 0 | 13 | 3 | 2 | 107 |
| Pulmonary T.B. | 7 | 29 | 49 | 3 | 1 | 89 |
| Non Pulmon. T.B. | 1 | 6 | 10 | 1 | 0 | 18 |
| C.S. Meningitis | 4 | 16 | 4 | 0 | 0 | 24 |
| Erysipelas | 1 | 13 | 1 | 1 | 0 | 16 |
| Puerperal Sepsis | 3 | 0 | 7 | 0 | 0 | 10 |
| Small Pox | 0 | 1 | 5 | 0 | 0 | 6 |
| Anthrax. | 0 | 0 | 0 | 1 | 0 | 1 |
| Leprosy | 0 | 0 | 1 | 0 | 0 | 1 |
| Tick Bite Fever | 8 | 0 | 0 | 0 | 0 | 8 |
| Ophthalmia Neonatorum. | 0 | 0 | 5 | 1 | 0 | 6 |
| Enteric Fever | 6 | 16 | 33 | 0 | 0 | 55 |
| Encephalitis | 0 | 0 | 1 | 1 | 0 | 2 |
| Poliomyelitis | 11 | 0 | 0 | 1 | 0 | 12 |

MATERNAL AND CHILD WELFARE.

(a) INFANT AND ANTE-NATAL CLINICS.

| | EUROPEAN TOWN | NATIVE N.M.E.A.D. | NATIVE | COLOURED | ASIATIC | TOTAL. |
|---------------------------|------------------|----------------------|--------|----------|---------|--------|
| <u>INFANT CLINICS</u> | | | | | | |
| New Cases | 266 | 93 | 424 | 67 | 13 | 863 |
| Total Attendances | 3681 | 1832 | 6376 | 1169 | 130 | 13188 |
| <u>ANTE-NATAL CLINICS</u> | | | | | | |
| New Cases | 56 | - | 661 | 66 | 2 | 785 |
| Total Attendances | 230 | - | 3640 | 451 | 20 | 4341 |

(b) HOME VISITS, ETC.

| | EUROPEAN | NATIVE | COLOURED | AS. | TOTAL. |
|---------------------------|-------------|-------------|-------------|------------|-------------|
| First Visits | 622 | 482 | 212 | 174 | 1490 |
| Re-Visits | 1641 | 1066 | 832 | 529 | 4068 |
| Ante-Natal Visits | 5 | 551 | 214 | 122 | 892 |
| Still Births | 13 | 4 | 0 | 0 | 17 |
| Infantile Mortality | 8 | 140 | 10 | 6 | 164 |
| Infectious Dis.(Incl V.D) | 34 | 547 | 255 | 105 | 941 |
| Inspections of Midwives. | 4 | 1 | 0 | 0 | 5 |
| Shop Conditions.. | 47 | 0 | 0 | 0 | 47 |
| Sub-Economic Houses | 27 | 0 | 0 | 0 | 27 |
| Nursing Homes. | 4 | 0 | 0 | 0 | 4 |
| TOTAL VISITS. | 2405 | 2791 | 1523 | 936 | 7655 |

BOKSBURG-BENONI HOSPITAL DISTRICT MIDWIFERY SERVICE.

CASES CONFINED.

| | EUR. | CONFINED ON DISTRICT | | | | SENT TO HOSPITAL TOTAL. |
|--------------|-----------|----------------------|-----------|----------|------------|----------------------------|
| | | NAT | COL. | AS. | TOTAL. | |
| JULY | 1 | 19 | | | 20 | 2 |
| AUGUST | 1 | 26 | 3 | 1 | 31 | 4 |
| SEPTEMBER | | 33 | 4 | | 37 | 5 |
| OCTOBER | 1 | 16 | | | 17 | 7 |
| NOVEMBER | 1 | 15 | 4 | | 19 | 1 |
| DECEMBER | 1 | 12 | 1 | | 14 | 5 |
| JANUARY | 1 | 18 | 5 | | 23 | 9 |
| FEBRUARY | 1 | 17 | 3 | | 21 | 8 |
| MARCH | 1 | 18 | 4 | | 23 | 8 |
| APRIL | 1 | 16 | 1 | | 18 | 4 |
| MAY | 6 | 22 | 1 | 1 | 30 | 3 |
| JUNE | 1 | 11 | 3 | | 15 | 6 |
| TOTAL | 14 | 223 | 28 | 2 | 267 | 62 |

VENEREAL DISEASE : ALL CLINICS.

| | EUR. | | | NAT. | | | COL. | | | AS. | | | TOTAL. | | |
|--------------------|------|-----|-----|------|------|------|------|-----|-----|-----|----|-----|--------|------|------|
| | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. | M. | F. | T. |
| <u>NEW CASES</u> | | | | | | | | | | | | | | | |
| Congenital | | | | | | | | | | | | | | | |
| Syphilis | 1 | 0 | 1 | 33 | 21 | 54 | 2 | 0 | 2 | 0 | 0 | 0 | 36 | 21 | 57 |
| Other Syphilis. | 2 | 2 | 4 | 123 | 317 | 440 | 2 | 15 | 17 | 2 | 1 | 3 | 129 | 335 | 464 |
| Gonorrhoea. | 3 | 1 | 4 | 3 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 1 | 7 |
| TOTAL. | 6 | 3 | 9 | 159 | 338 | 497 | 4 | 15 | 19 | 2 | 1 | 3 | 171 | 357 | 528 |
| ATTENDANCES | 147 | 146 | 293 | 1861 | 4615 | 6467 | 48 | 352 | 400 | 18 | 24 | 422 | 2074 | 5137 | 7211 |
| W.R. TAKEN | 15 | 64 | 79 | 390 | 1785 | 2175 | 13 | 97 | 110 | 4 | 11 | 15 | 422 | 1957 | 2379 |
| W.R. POSITIVE | 6 | 5 | 11 | 80 | 455 | 535 | 3 | 19 | 22 | 2 | 1 | 3 | 91 | 480 | 571 |
| <u>SYPHILIS</u> | | | | | | | | | | | | | | | |
| <u>TREATMENTS</u> | | | | | | | | | | | | | | | |
| N.A.B. Injections. | 80 | 48 | 128 | 1091 | 2077 | 3168 | 14 | 157 | 171 | 6 | 6 | 121 | 191 | 2288 | 3479 |
| Bism. Injections. | 14 | 2 | 16 | 10 | 51 | 61 | 0 | 2 | 2 | 0 | 0 | 0 | 24 | 55 | 79 |
| Other Treatment. | 13 | 30 | 43 | 354 | 634 | 988 | 6 | 61 | 67 | 7 | 4 | 11 | 380 | 729 | 1109 |
| <u>DISCHARGE</u> | | | | | | | | | | | | | | | |
| ON PROBATION | 3 | 3 | 6 | 54 | 65 | 119 | 0 | 3 | 3 | 0 | 0 | 0 | 57 | 71 | 128 |
| DISCH. CURED | 1 | 0 | 1 | 4 | 2 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 2 | 7 |
| <u>ANTE-NATAL</u> | | | | | | | | | | | | | | | |
| W.R.s. | 0 | 48 | 0 | 0 | 636 | 0 | 0 | 55 | 0 | 0 | 2 | 0 | 0 | 741 | 0 |
| ANTE-NATAL | 0 | 1 | 0 | 0 | 124 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 135 | 0 |
| W.R. Pos. | 0 | 1 | 0 | 0 | 124 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

INFECTIOUS DISEASES.

ADMISSIONS TO HOSPITALS.

(1) BOKSBURG-BENONI HOSPITAL (INFECTIOUS DISEASE BLOCK).

| | EUR. | NAT. | COL. | AS. | TOTAL. |
|---------------------|------|------|------|-----|--------|
| Tuberculosis. Pulm. | 2 | 32 | 2 | | 36 |
| T.B. Non-Pulmonary | | 9 | | | 9 |
| Erysipelas | | | 1 | 1 | 2 |
| C.S. Meningitis. | 4 | 4 | | | 8 |
| Enteric Fever. | 2 | 21 | | | 23 |
| Diphtheria. | 6 | 4 | 3 | 1 | 14 |
| Scarlet Fever | 20 | | | | 20 |
| Poliomyelitis | 7 | | 1 | | 8 |
| Puerperal Sepsis | | 7 | | | 7 |
| Whooping Cough | 1 | 1 | | 1 | 3 |
| Anthrax | | 1 | | | 1 |
| Measles. | | 2 | | | 2 |
| Chicken Pox | | 2 | | | 2 |
| TOTAL: | 42 | 83 | 7 | 3 | 135 |

(2) VARIOUS HOSPITALS.

| | MINE HOSP. | OTHER HOSP. | LEPER INST. | SPRINGKELL T.B. HOSP. | |
|-----------------|---------------|----------------|----------------|--------------------------|--------|
| | MIN. NATS. | EUR. | NAT. | EUR. | TOTAL. |
| T.B. Pulm. | 27 | | | 1 | 28 |
| T.B. Non-Pulm. | 7 | 1 | | | 8 |
| Enteric Fever | 16 | 3 | | | 19 |
| C.S. Meningitis | 17 | | | | 17 |
| Erysipelas | 14 | | | | 14 |
| Measles | 72 | | | | 72 |
| Diphtheria | | 1 | | | 1 |
| Poliomyelitis | | 2 | | | 2 |
| Tick Typhus | | 1 | | | 1 |
| Leprosy | | | 1 | | 1 |
| TOTAL. | 153 | 8 | 1 | 1 | 163 |

(3) RIETFONT EIN INFECTIOUS DISEASE HOSPITAL.

| | EUR. | MIN.NAT. | NON.MIN NAT. | COL. | AS. | TOTAL. |
|-----------------------|------|----------|-----------------|------|-----|--------|
| Syphilis | 1 | | 127 | 2 | 1 | 131 |
| Syph. & Gonorrhoea | | | 4 | | | 4 |
| Gonorrhoea | 1 | | 34 | | | 35 |
| Ophthalmia Neonatorum | | | 2 | | | 2 |
| Small Pox | | 1 | 5 | | | 6 |
| TOTAL | 2 | 1 | 172 | 2 | 1 | 178 |

FOODSTUFFS CONFISCATED.

FRUIT AND VEGETABLES.

| | |
|-------------|-------------|
| Apples | 17 Cases |
| Beans | 3 Pockets |
| Grape Fruit | 294 Pockets |
| Grapes | 605 Boxes |
| Oranges | 38 Pockets |
| Peaches | 18 Boxes |
| Lemons | 17 Pockets |
| Potatoes. | 7 Bags. |

VARIOUS FRESH FOODS.

| | |
|-------------------|------------|
| Beef. | 30 lbs. |
| Cheese | 54 lbs. |
| Herrings | 1 Box |
| Milk | 12 Gallons |
| Poultry (Dressed) | 128 |
| Sausages. | 39 lbs. |

TINNED FOODS.

| | |
|------------------------------|-------------|
| Beef extract | 62 tins, |
| Corned Beef | 15,200 lbs. |
| Beef Bully. | 8 tins. |
| Beetroot | 5 tins. |
| Craw Fish | 1 tin |
| Dinners | 46 tins. |
| Easy Freeze Strawberry | 1 tin. |
| Fish Paste | 9 tins. |
| Guaves | 24 tins. |
| Ham & Tongue | 4 jars. |
| Fish (Selected) | 4 tins |
| Jams | 8 tins |
| Lobster | 3 tins |
| Meat & Vegetables | 2 tins |
| Mixed Vegetables. | 29 tins |
| Pilchards (in tomatoe sauce) | 13 tins |
| Pilchards (Plain) | 7 tins |
| Pineapple Rings. | 1 tin |
| Sausages Vienne | 4 tins |
| Peas | 3 tins |
| Pickles | 12 bottles |
| Potted Meats. | 8 tins |
| Snoek | 11 tins |
| Sardines | 58 tins |
| Salmon | 4 tins |
| Steak Pudding | 9 tins |
| Steak & Tomotoe | 23 tins |
| Tins Unlabelled | 2 tins |

LICENCE APPLICATIONS.

(a) DEALERS (WHOLESALE AND RETAIL).

| | APPLICATIONS RECEIVED. | APPLICATIONS APPROVED (NO CONDITIONS) | APPLICATIONS APPROVED (AFTER CONDITIONS COMPLETED) | APPLICATIONS NOT IN ORDER. |
|------------------------------|------------------------|---------------------------------------|--|----------------------------|
| General Dealers | 104 | 89 | 11 | 4 |
| Aerated Water Manufacturers | 2 | -2 | - | 1 |
| Butchers | 3 | 2 | - | 1 |
| Boarding & Lodging Houses | 18 | 16 | 1 | 1 |
| Tea Rooms & Restaurants | 4 | 3 | 1 | 1 |
| Bakers & Millers | 1 | 1 | 1 | 1 |
| Hairdressers | 22 | 22 | 1 | 1 |
| Hawkers | 41 | 35 | 1 | 1 |
| Laundries | 3 | 3 | 1 | 1 |
| Fresh Produce Dealers | 33 | 24 | 1 | 1 |
| Kafir Eating Houses | 1 | 1 | 1 | 1 |
| Furnishers | 5 | 4 | 1 | 1 |
| Billiard Saloons | 2 | 2 | 1 | 1 |
| Grocers | 9 | 9 | 1 | 1 |
| Ice Cream | 6 | 5 | 1 | 1 |
| Peddlers | 3 | 1 | 1 | 1 |
| Recreation Halls | 1 | 1 | 1 | 1 |
| Undertakers | 4 | 4 | 1 | 1 |
| Dog Kennels | 1 | 1 | 1 | 1 |
| Garages and Filling Stations | 4 | 3 | 1 | 1 |
| Motor Workshops | 1 | 1 | 1 | 1 |
| Refrigeration Works & | 2 | 1 | 1 | 1 |
| Electrical Service | 1 | 1 | 1 | 1 |
| Miscellaneous | 2 | 2 | 1 | 1 |
| TOTAL | 271 | 231 | 14 | 14 |

(b) DAIRIES AND MILKSHOPS.

| | APPLICATIONS RECEIVED. | APPLICATIONS APPROVED (NO CONDITIONS). |
|---------------------------------|------------------------|--|
| Registration:- Dairies. | 23 | 23 |
| Permits to Introduce Milkshops. | 7 | 7 |
| | 16 | 16 |
| TOTAL. | 46 | 46 |

ROUTINE SANITATION AND HEALTH INSPECTIONS.

Notices Served..... 616

REPORTS FOR TRANSMISSION TO OTHER DEPARTMENTS:

| | | |
|----|--|-----|
| 1. | Town Engineer's Department:- | 18 |
| | Stopped Drains..... | 18 |
| | Unauthorised Structures..... | 2 |
| | Undrained Premises..... | 7 |
| | Structural Defects IN Premises..... | — |
| | Buildings Demolished per A.M.O.H..... | 2 |
| | Building Plans (a) Approved..... | 125 |
| | (b) Approved, subject to alteration..... | 10 |
| | Drainage Plans (a) Approved..... | 14 |
| | (b) Approved subject to alteration..... | 1 |
| 3. | Licence Department:- | — |
| | Applications approved without comment..... | 231 |
| | Applications approved subject to conditions..... | 25 |
| | Applications not in order..... | 14 |
| | Licences and Permits-Dairies and Milkshops..... | 46 |
| | Visits in connection with Infectious Diseases..... | 728 |
| | Visits to Premises under Cyanide Fumigation..... | 473 |
| | Visits to Premises re Rodents (other than by Rat Catcher)..... | 17 |
| | Visits to Premises re Vermin..... | 175 |

Aerated/.....

| | |
|--|------|
| Aerated Water Manufacturers..... | 10 |
| Butcher Shops..... | 656 |
| Baker Shops. (Without Bakehouses)..... | 2 |
| Bakehouses..... | 84 |
| Butchers' Carts and Carriers..... | 3 |
| Bakers' Carts..... | 14 |
| Dealers' and General Dealers' Shops (Food)..... | 1219 |
| Dealers' and General Dealers' Shops (No Food)..... | 486 |
| Dairy Stables and Dairies..... | 1362 |
| Milkshops and Purveyors of Milk..... | 986 |
| Milk Delivery Carts..... | 22 |
| Ice Cream Purveyors and Manufacturers..... | 39 |
| Fish and Poultry Shops..... | 233 |
| Municipal Market..... | 295 |
| Tea Shops, Cafes, Restaurants and Eating Houses..... | 832 |
| Kaffir Eating Houses..... | 877 |
| Sweeteries..... | - |
| Cattle Dealers' Premises..... | 1 |
| Other Factories and Workshops..... | 587 |
| Residential Hotels and Boarding Houses..... | 90 |
| Hawkers' Premises..... | 13 |
| Sidescshows..... | 2 |
| Theatres and Bioscopes..... | 23 |
| Tenement Houses..... | 42 |
| Hairdressers..... | 107 |
| Laundries..... | 1 |
| Accumulation of Manure..... | 16 |
| Horse Stables..... | 485 |
| Keeping of Animals..... | 2573 |
| Private Cowsheds..... | 14 |

Refuse/.....

1860-1861. - The first year of the new century was a period of

prosperity and general well-being throughout the country.

The year opened with a large increase in the value of stocks and

bonds, and a corresponding increase in the value of real estate.

The year closed with a large increase in the value of stocks and

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| | |
|--|----------------|
| Refuse Tips..... | 539 |
| Refuse : Accumulation..... | 149 |
| Refuse Bins : Broken, insufficient, etc..... | 175 |
| Wash Houses..... | 19 |
| Waste Water Receptacles..... | 12 |
| Water Closets : Dirty..... | 57 |
| Defective..... | 110 |
| Insufficient..... | 8 |
| Pail Closets : Dirty..... | 10 |
| Defective..... | 9 |
| Insufficient..... | - |
| Drains, defective, choked, etc..... | 99 |
| Courts, Alleys, Lanes..... | 713 |
| Public Sanitary Conveniences..... | 537 |
| Undrained Premises..... | 2 |
| Native Housing..... | 980 |
| House Inspections..... | 1081 |
| Other Housing Inspections..... | 5 |
| Permits : Urban Areas Act..... | 7 |
| Premises : Constructional Repairs..... | 233 |
| Open Ground..... | 10 |
| Stands Inspected..... | 206 |
| Sites or Premises re deposited Plans..... | 2 |
| Disinfection of Premises..... | 130 |
| Visits for Widal Tests (Food Handlers)..... | 27 |
| Visits to Compounds : Mine..... | 263 |
| Complaints..... | 378 |
| Special Interviews..... | 351 |
| Other Visits..... | 587 |
| Plans Prepared..... | 10 |
| TOTAL: | <u>21,255.</u> |

